LETTER OF TRANSMITTAL

TRANSMITTAL # 4

	RAKA & S	=	DATE:	4.6.15			3454-014	
	2464 CASE S	Т	ATTN:	Brian Emmo	ns/T.Buck Cons	struction Inc	·.	
MIDE	DLEBURY, VT	05753	RE:	Burke, VT B	RF 0269 (13)			
Т	: 802.388.63	63						
F	: 802.388.90	10						
We are sen	nding you:		•					
Shop Draw	ings	Х	Change O	rder		Co	ppy of Letter	
Plans			Attached		Х	Se	parate Cover	
Prints			Specificat	ions			(Via)	
Samples			Other:					
Copies	Date	Qty.			Descripti	on		
1	4.6.15	1	Shop Drawings (Rev 2	2) Submitted for	or Approval			
								
		-						
These are t	ransmitted (as checked b	elow:					
For approv		Х		as submitted			Submit	Х
For your us	se		Approved	as noted			Resubmit	t
As requeste				/Notation			Return	
For review				rints/Returned			Other	
				•				
Remarks:								
Please see	attached Bur	ke shop drav	vings for approval.					
			ew of components re	quiring LVL II	reinforcement	(Dual Coate	ed / Z Bar) as	
	•		luction lead time on 2	-		•	•	
	•	•	7) and 540.04(b)(7) a			usly submit	ted mixes in lieu	
•			. Previously approved		•	•		e
	_		lemonstrate updated		_			
			LY APPROVED MIX DI					
		,	<u>-</u>					
						/	Jackelle	
Copy to:					Signed:	Je	a with	
τοργ το.					Jigiieu.		Joe Gallese-PM	69
							JUE Gallese-FIVI	

If enclosures are not as noted, please notify us immediately.



- I. MIN. CONCRETE STRENGTH AT 28 DAYS SHALL BE 5,000 PSI.
- MIN. CONCRETE STRENGTH AT STRIPPING SHALL BE 4,000 PSI (UNLESS NOTED OTHERWISE).
- 3. REINFORCING STEEL SHALL BE GR-60, ASTM A-615 (AASHTO M31) LEVEL II (DUAL COATED) (ASTM A-1055) OR LEVEL I (BLACK STEEL), (AS NOTED ON SHOP DRAWINGS).
- 4. THE TOP OF PRECAST CONCRETE UNITS SHALL RECEIVE A SMOOTH FLOAT FINISH (UNLESS NOTED OTHERWISE).
- 5. SHEAR KEY SURFACES SHALL BE SAND BLASTED CLEAN. REINFORCING STEEL PROJECTING FROM APPROACH SLABS WILL BE COVERED DURING SAND BLASTING SO THAT COATING IS NOT DAMAGED.
- 6. APPROACH SLABS SHALL BE HANDLED AND ERECTED USING THE LIFTING INSERTS ONLY. THE MINIMUM SLING ANGLE FROM THE HORIZONTAL SHALL BE 60°. APPROACH SLABS SHALL BE STORED & TRANSPORTED WITH TIMBER SUPPORTS AT 5th POINTS, UNLESS APPROVED BY J.P. CARRARA & SONS, INC.
- ABUTMENTS SHALL BE HANDLED AND ERECTED USING THE LIFTING LOOPS ONLY.
 THE PINS OF THE SHACKLES SHALL BE PLACED THROUGH THE LIFTING
 LOOPS. SEE DETAIL, SHEET 'CI'. VERTICAL FORCES ONLY SHALL BE APPLIED
 TO THE LIFTING LOOPS. ABUTMENTS SHALL BE STORED & TRANSPORTED WITH
 TIMBER SUPPORTS AT 5th POINTS, UNLESS APPROVED BY J.P. CARRARA & SONS,
 INC.
- ONCE ABUTMENTS HAVE BEEN ERECTED, CUT LIFTING LOOPS AT RECESS, EPOXY PAINT AND PATCH AS REQUIRED (BY OTHERS).

MATERIAL SPECIFICATION AND MIX DESIGN SHALL CONFORM TO VERMONT SPEC. P510.02 AND P510.05 RESPECTIVELY.

APPROACH SLABS: J.P.C. BRIDGE MIX #445MSCC
ABUTMENTS: J.P.C. BRIDGE MIX #445MSCC

9. QUALITY CONTROL PROCEDURES ARE IN ACCORDANCE WITH PCI REQUIREMENTS.
J.P. CARRARA & SONS, INC. IS A PCI CERTIFIED PLANT.

IO. CURING METHOD: AS SOON AS THE TOP OF PRECAST CONCRETE UNITS ARE FINISHED, A COVER OF POLY WILL BE PLACED OVER THE UNIT. NATURAL CURE WITH NO EXTERNAL HEAT APPLIED. CURING SHALL CONTINUE UNTIL STRIPPING STRENGTH HAS BEEN ACHIEVED.

NEXT BEAM GENERAL NOTES

- I. MIN. CONCRETE STRENGTH AT 28 DAYS SHALL BE 10,000 PSI.
- 2. MIN. CONCRETE STRENGTH AT STRESS TRANSFER SHALL BE 8,000 PSI.
- 3. REINFORCING STEEL SHALL BE GR-60, ASTM A-615 (AASHTO M31) LEVEL II (DUAL COATED).
- 4. PRESTRESSING STRANDS SHALL CONFORM TO ASTM A-416 (AASHTO M2O3) AND SHALL CONSIST OF 0.60"Øx 270 KSI 7-WIRE LOW RELAXATION STRANDS.
- 5. PRESTRESSING STRANDS SHALL EACH BE PULLED TO HAVE A NET TENSION OF 44.0 K AFTER ACCOUNTING FOR CHUCK SLIPPAGE. TENSION SHALL BE VERIFIED BY MEASURING STRAND ELONGATION. (SEE EXAMPLE ELONGATION CALCULATION AND TENSIONING PROCEDURE, THIS SHEET.)
- 6. ENDS OF PRESTRESSING STRANDS SHALL BE CUT FLUSH WITH END OF NEXT BEAM STEMS (UNLESS NOTED OTHERWISE) AND COATED WITH TWO PART EPOXY PAINT SYSTEM.
- 7. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4".
- 8. THE TOP OF BEAMS SHALL RECEIVE A SMOOTH SCREED (UNLESS NOTED OTHERWISE).

 9. SHEAR KEY SURFACES SHALL BE SAND BLASTED TO 1/8" AMPLITUDE.
- IO. BEAMS SHALL BE HANDLED AND ERECTED USING THE LIFTING LOOPS ONLY.
 RIGGING SHALL BE CONFIGURED SUCH THAT EQUAL AND VERTICAL FORCES ARE
 APPLIED TO EACH OF THE TWO LIFTING LOOPS AT EACH END OF THE BEAM.
 THE PINS OF THE SHACKLES SHALL BE PLACED THROUGH THE LIFTING
 LOOPS. SEE DETAIL, THIS SHEET. BEAMS SHALL BE STORED AND
 TRANSPORTED WITH TIMBER SUPPORTS. TIMBER SUPPORTS SHALL BE PLACED
 WITHIN CLOSE PROXIMITY TO THE SHIPPING SLEEVE LOCATION AS SHOWN
 BELOW,, UNLESS APPROVED BY J.P. CARRARA & SONS, INC.
- . MATERIAL SPECIFICATION AND MIX DESIGN SHALL CONFORM TO VERMONT SPEC. P510.02 AND P510.05 RESPECTIVELY.

 <u>DESIGN MIX</u>: J.P.C.

NEXT BEAM MIX #430M WITH 5 GALLONS OF CORROSION INHIBITOR

- 12. QUALITY CONTROL PROCEDURES ARE IN ACCORDANCE WITH PCI REQUIREMENTS.

 J.P. CARRARA & SONS, INC. IS A PCI CERTIFIED PLANT.
- 13. CURING METHOD: AS SOON AS THE TOP OF BEAM IS FINISHED, A COVER OF INSULATED POLY. THE DESIRED CURING TEMPERATURE RANGE SHALL NOT DROP BELOW 70°F. THE TEMPERATURE SHALL BE RECORDED BY AUTOMATIC SENSOR INSTRUMENTS ON GRAPH CHARTS, SPACED NOT MORE THAN 100' APART AND WILL CONTINUE UNTIL RELEASE STRENGTH IS ACHIEVED. EACH CHART SHALL BE MARKED WITH THE CASTING DATED AND LOCATION OF THE RECORDER. IF NECESSARY TO MAINTAIN CASTING BED TEMPERATURE PRIOR TO CONCRETE PLACEMENT OR TO ACCELERATE EARLY AGE STRENGTH GAIN, EXTERNAL RADIANT HEAT MAY BE EMPLOYED VIA HOT WATER DUCTS BENEATH AND WITHIN THE PERIPHERY OF THE CASTING BED. MAXIMUM CURING TEMPERATURE SHALL NOT EXCEED PCI SPECIFIED LIMITS.

 14. OWNER SHALL PROVIDE APPROPRIATE FIELD WATERPROOFING TO GROUTED AND/OR EPOXIED SHEAR KEYS. J.P. CARRARA & SONS, INC. SHALL NOT BE HELD LIABLE FOR PROBLEMS ASSOCIATED WITH MOISTURE INFILTRATING

EXAMPLE PRESTRESSING STRAND ELONGATION CALC. AND TENSIONING

(NOT TO BE USED FOR CONSTRUCTION) SIZE & GRADE: 0.60 $^{\circ}$ $^{\circ}$ \times 270 KSI

GROUTED AND/OR EPOXIED SHEAR KEYS.

AREA: 0.217 IN^2 TENSION: 44,000 LB. EACH STRAND

GRIP-TO-GRIP: 252'-O" = 252.00'

Es = 28,500,000 PSI (ASSUMED FOR THESE CALCULATIONS; VALUE TO BE OBTAINED FOR STRAND SPOOL ACTUALLY USED)

EXAMPLE:

 $\Delta = \frac{PL}{AE} = \frac{(44,000 - 3,000) \times 252.00 \times 12}{0.217 \times 28,500,000} = 20.047$

THEREFORE: (TOLERANCES ± 5%)

 \triangle UPPER LIMIT = 1.05 x 20.047" = 21.05" = 21" \triangle LOWER LIMIT = 0.95 x 20.047" = 19.04" = 19"

EXTRA FORCE REQUIRED TO COMPENSATE FOR 1/2" CHUCK SLIPPAGE:

 $\Delta P = \frac{0.5 \times 41,000}{20.047} = 1,023 \text{ LBS}.$

SPECIFIC JACK USED.

TOTAL TENSIONING FORCE = 44,000 + 1,023 = 45,023 LBS.

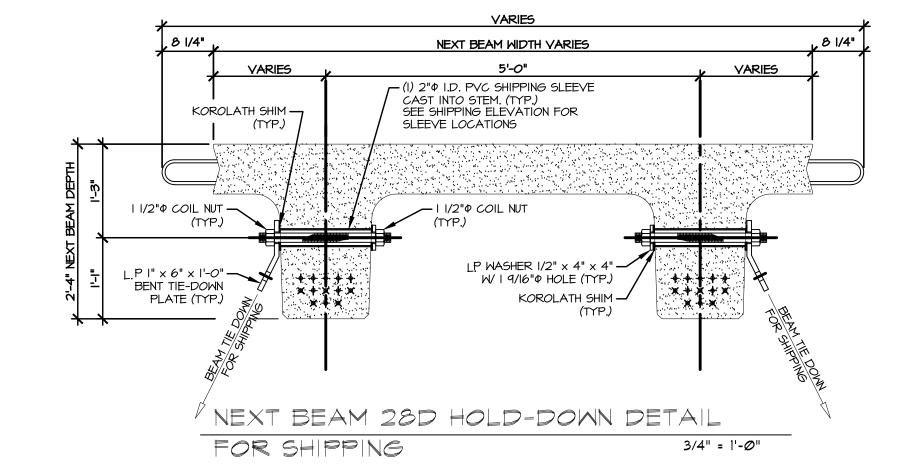
ADDITIONALLY, INCREASED ELONGATION AND THE CORRESPONDING FORCE DUE TO FORM SHORTENING SHALL BE ACCOUNTED FOR IN THE CALCULATIONS USED FOR CONSTRUCTION PER PROVISION PCI MNL II6 5.3.II.3.

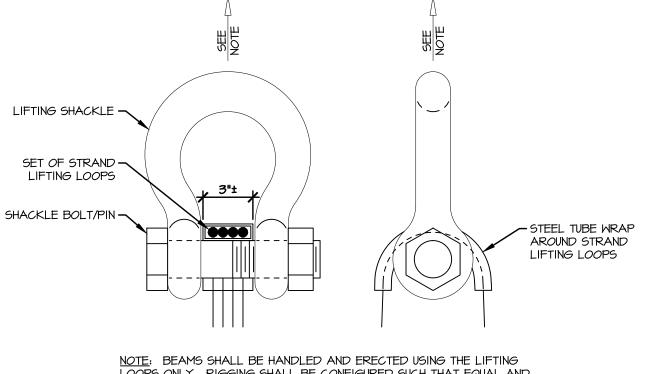
STRAND TENSIONING PROCEDURE:

- . PULL EACH STRAND INITIALLY TO 3,000* LBS. AND MARK STRAND.
- 2. THEN PULL EACH STRAND TO A TOTAL TENSION OF 45,023* LBS. AND MEASURE ELONGATION AFTER SEATING. IT MUST BE BETWEEN 19"* AND 21"*.
- * NOTE: FORCES READ ON STRESSING JACK GAUGES MUST BE MADE TO
 CORRESPOND TO ABOVE VALUES BASED ON CALIBRATION DATA FOR
- 3. STRANDS IN BOTTOM TWO ROWS SHALL BE RE-PULLED TO VERIFY SHORTENING EFFECT OF SELF STRESSING BED. RE-PULL FORCE SHALL NOT INCLUDE OVER-PULL FOR SHORTENING.

DRAWING INDEX DRAWING TITLE REV. # REV. DATE Ø4-Ø3-15 COVER SHEET F1 PRECAST ABUTMENT APPROACH SLAB & NEXT BEAM LAYOUT Ø4-Ø3-15 Ø4-Ø3-15 F2 PRECAST ABUTMENT # 1 ELEVATION & SECTIONS 2 F3 PRECAST ABUTMENT # 2 ELEVATION Ø4-Ø3-15 Ø4-Ø3-15 F4 TRANSVERSE SECTIONS & DETAILS PRECAST ABUTMENT PLANS & SECTION Ø4-Ø3-15 ABI 2 AB2 PRECAST ABUTMENT # 1 DETAILS 2 Ø4-Ø3-15 PRECAST ABUTMENT # 2 DETAILS 2 AB3 Ø4-Ø3-15 PRECAST ABUTMENT # 3 DETAILS Ø4-Ø3-15 PRECAST ABUTMENT # 4 DETAILS Ø4-Ø3-15 PRECAST APPROACH SLAB DETAILS Ø4-Ø3-15 Ø4-Ø3-15 PRECAST APPROACH SLAB DETAILS PRECAST APPROACH SLAB DETAILS Ø4-Ø3-15 2 2 Ø4-Ø3-15 NBIA PRESTRESSED NEXT BEAM DETAILS NBIB PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 NBID PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 NB2C PRESTRESSED NEXT BEAM DETAILS 2 Ø4-Ø3-15 PRESTRESSED NEXT BEAM DETAILS 2 Ø4-Ø3-15 NB3B PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 NB3D PRESTRESSED NEXT BEAM DETAILS Ø4-Ø3-15 MATERIALS LIST Ø4-Ø3-15 M2 MATERIALS LIST Ø4-Ø3-15 M3 MATERIALS LIST 2 Ø4-Ø3-15

DESIGN LIVE LOAD: HL-93

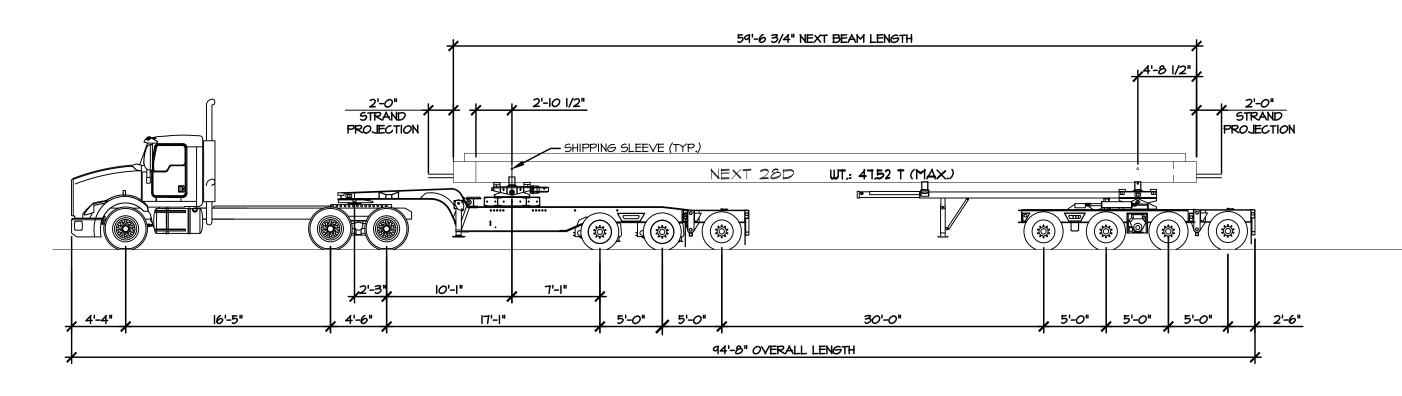




NOTE: BEAMS SHALL BE HANDLED AND ERECTED USING THE LIFTING LOOPS ONLY. RIGGING SHALL BE CONFIGURED SUCH THAT EQUAL AND VERTICAL FORCES ARE APPLIED TO EACH SET OF LIFTING LOOPS AT EACH END OF THE BEAM. SHACKLE BOLT/PIN SHALL BE PLACED UNDER LIFT LOOPS AS SHOWN. DESIGN AND CONFIGURATION OF RIGGING BY PURCHASER.

LIFTING SHACKLE DETAILS

N.T.S.

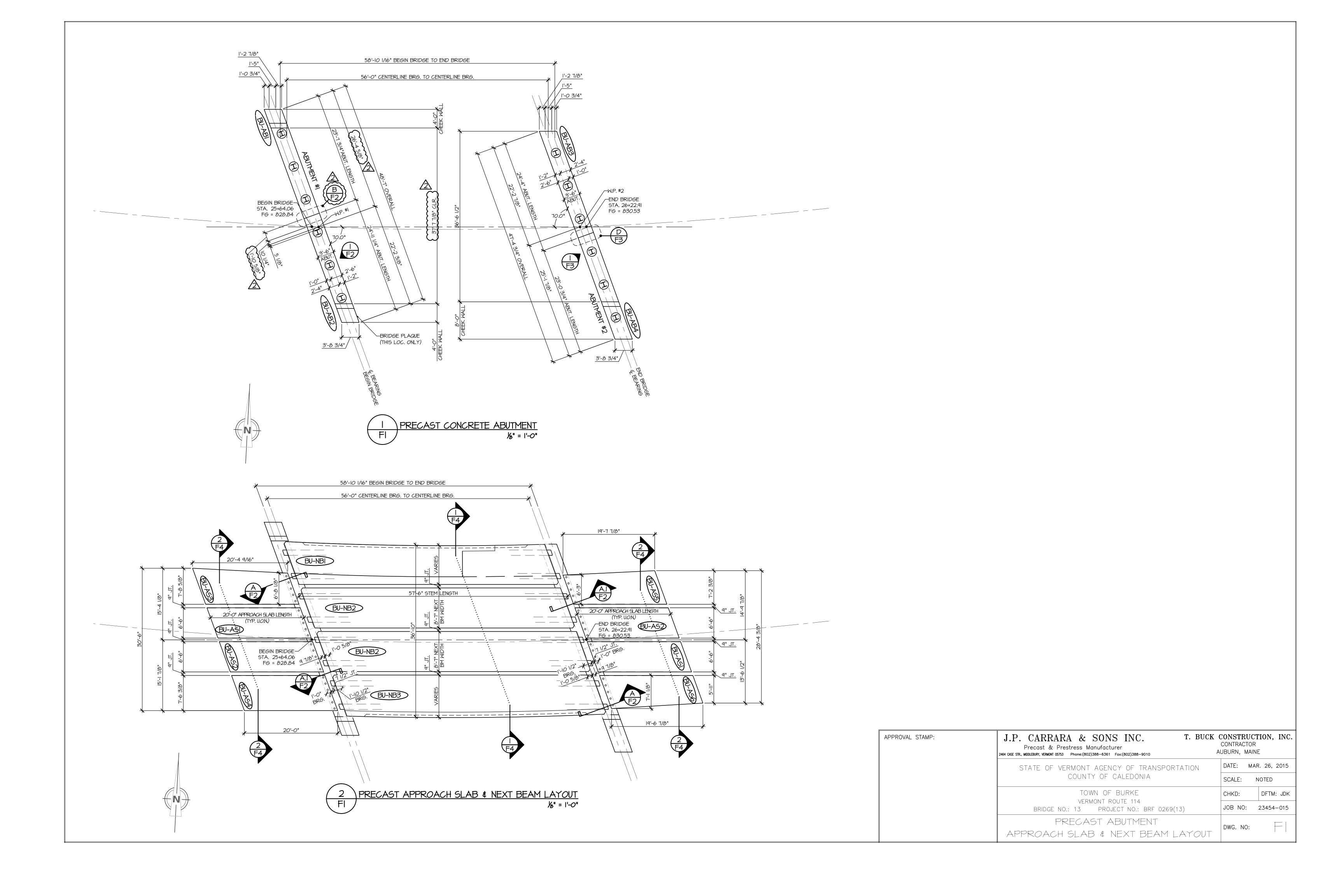


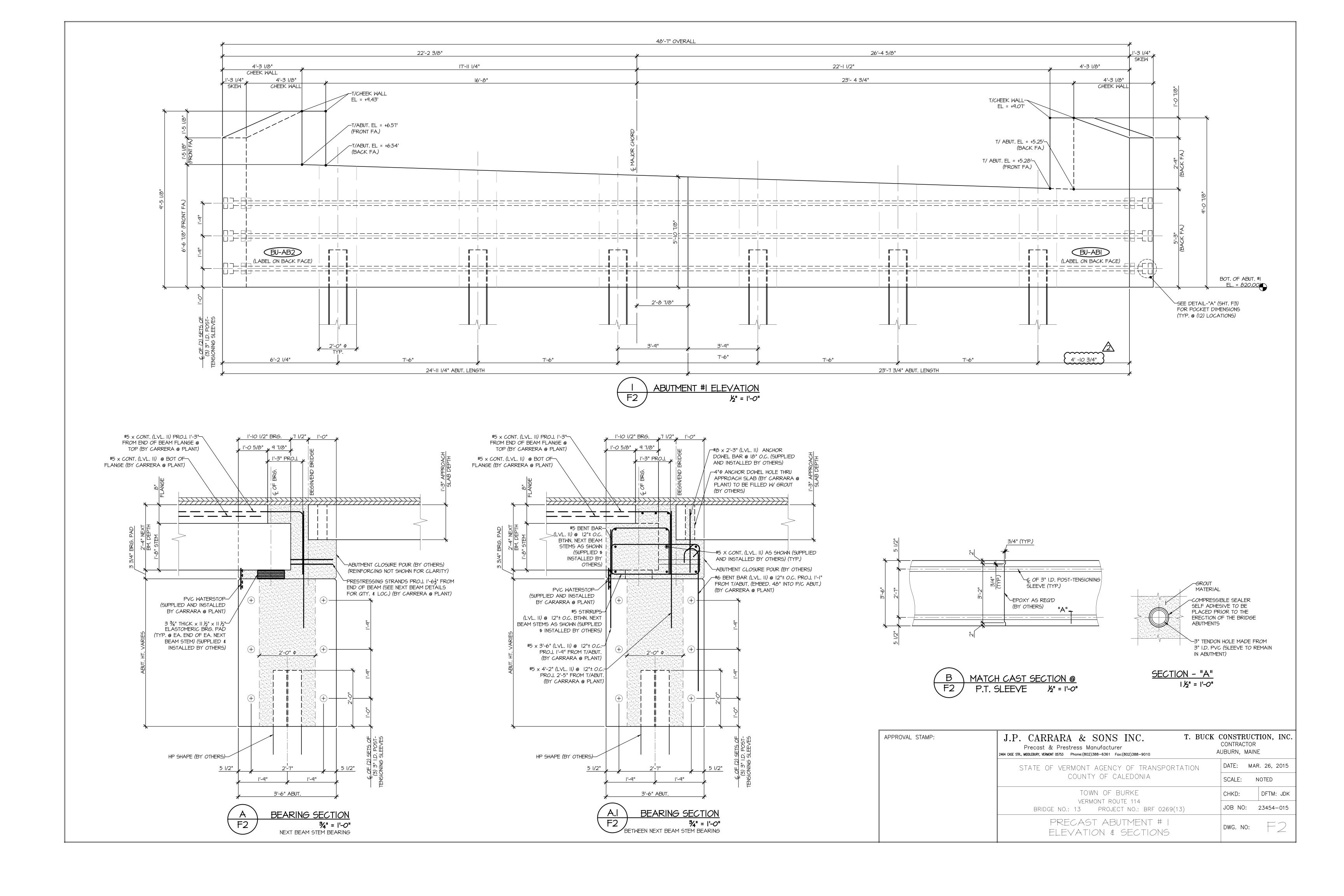
SHIPPING ELEVATION

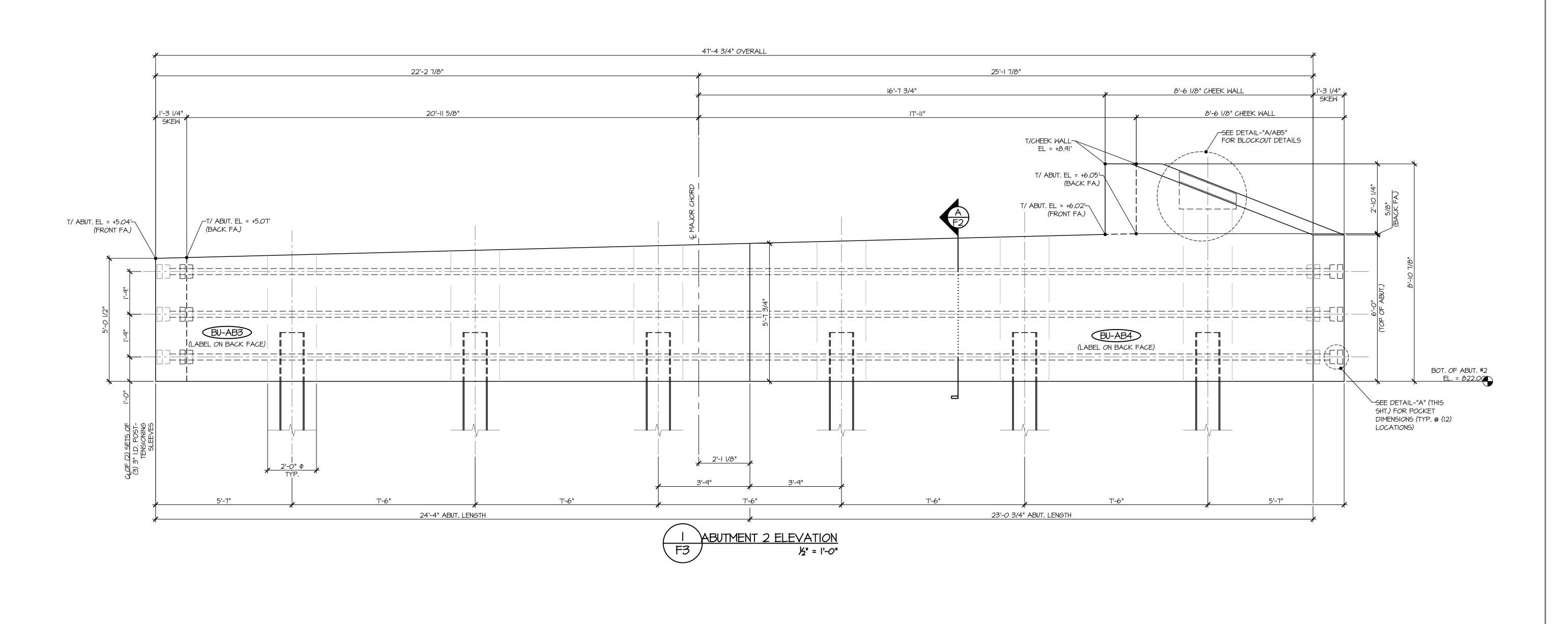
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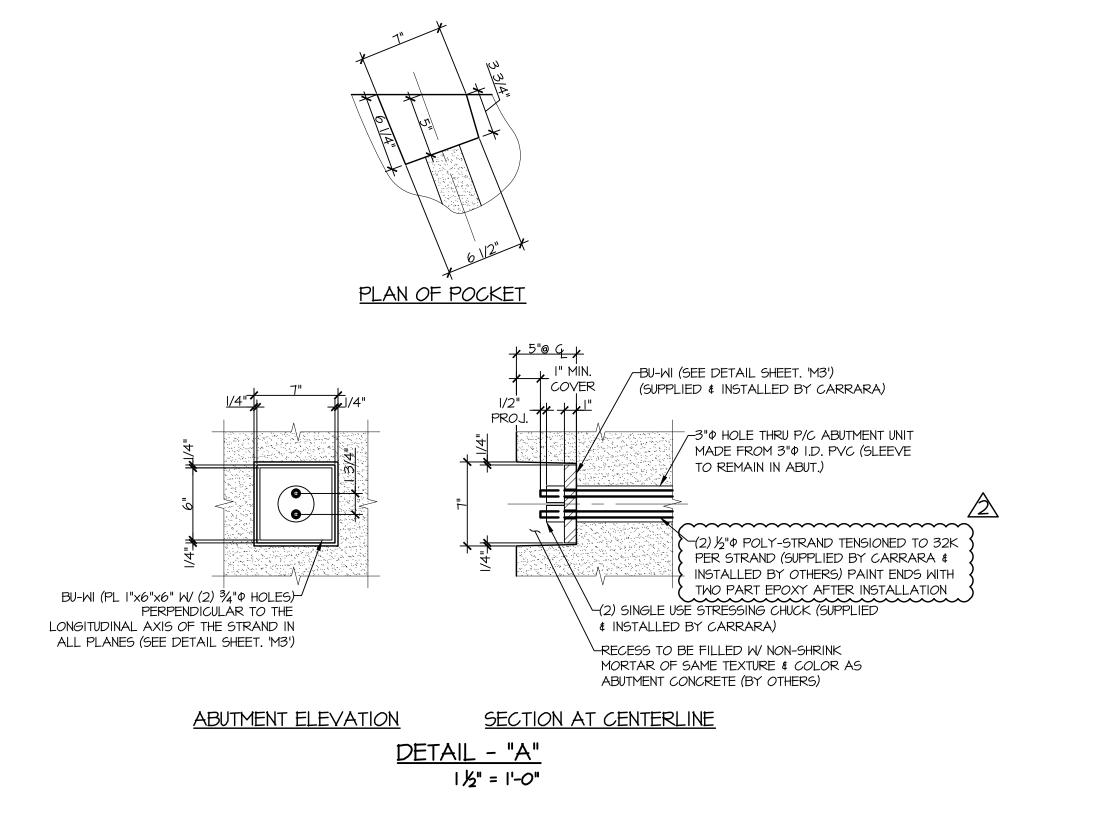
2 Ø1-22-15 REVISED

J.P. CARRARA & SONS INC. T. BUCK CONSTRUCTION, INC APPROVAL STAMP: CONTRACTOR Precast & Prestress Manufacturer AUBURN, MAINE 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010 DATE: MAR. 26, 2015 STATE OF VERMONT AGENCY OF TRANSPORTATION COUNTY OF CALEDONIA SCALE: NOTED TOWN OF BURKE DFTM: JOK CHKD: --VERMONT ROUTE 114 JOB NO: 23454-Ø15 BRIDGE NO .: 13 PROJECT NO .: BRF 0269(13) COVER SHEET DWG. NO:

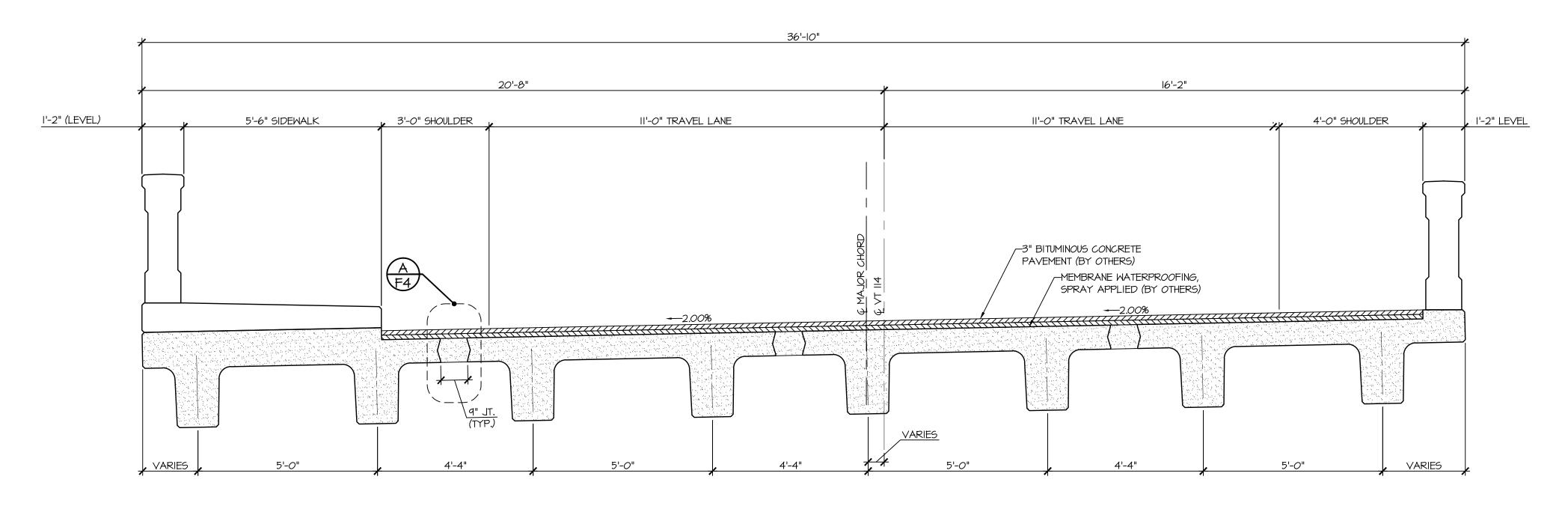


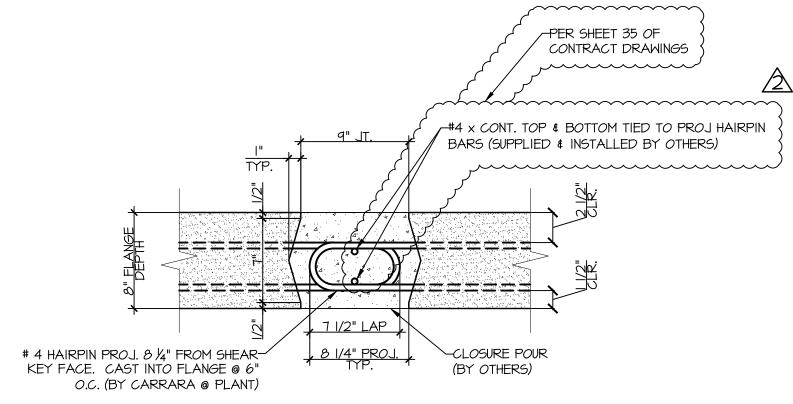






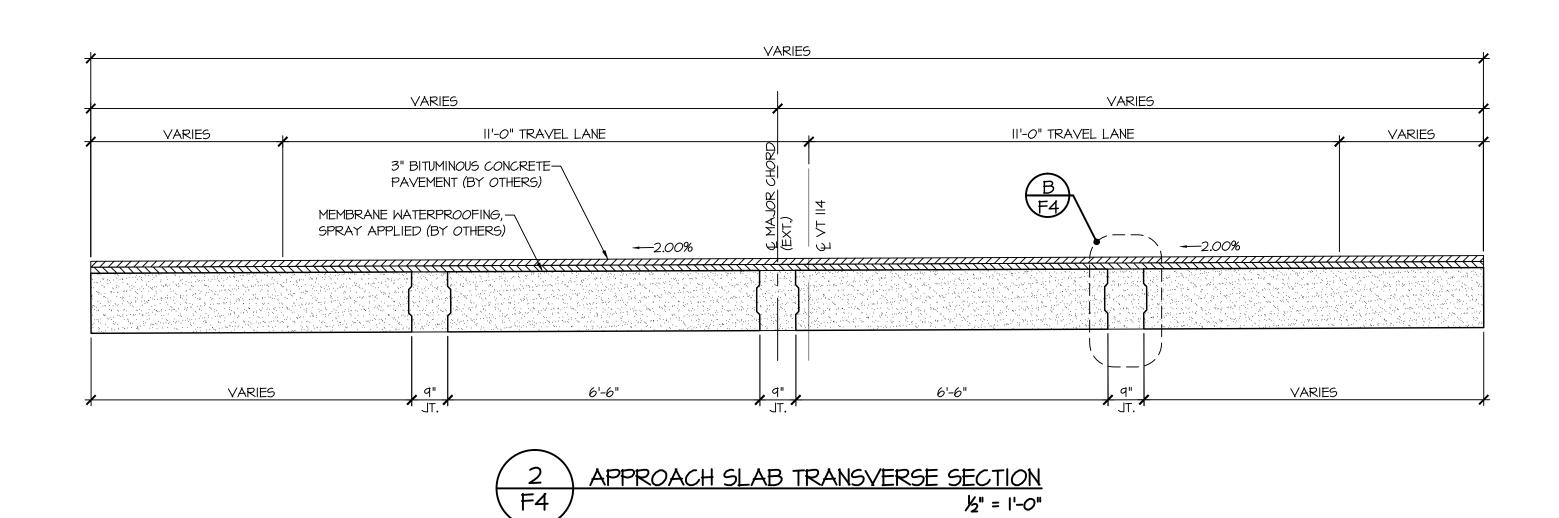
APPROVAL STAMP:	J.P. CARRARA & SONS INC. Precast & Prestress Manufacturer 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010	T. BUCK	CONSTRUC CONTRACTOR AUBURN, MAIN	?
	STATE OF VERMONT AGENCY OF TRANSPORTATION		DATE: MA	AR. 26, 2015
	COUNTY OF CALEDONIA		SCALE: NOTED	
	TOWN OF BURKE		CHKD:	DFTM: JDK
	VERMONT ROUTE 114 BRIDGE NO.: 13 PROJECT NO.: BRF 0269(13)	JOB NO:	23454-015
	PRECAST ABUTMENT # 2 ELEVA	TON	DWG. NO:	F3

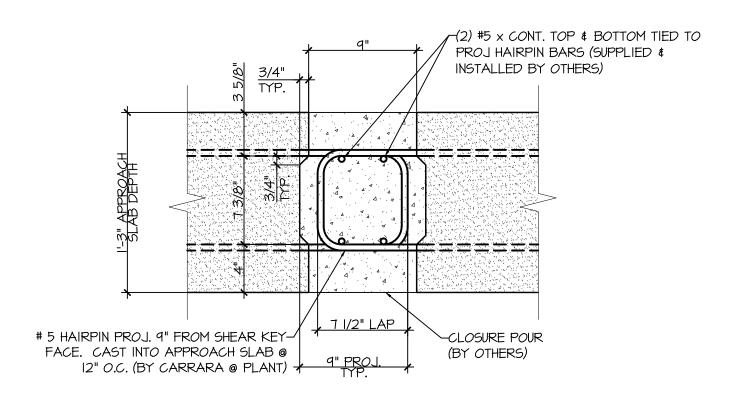






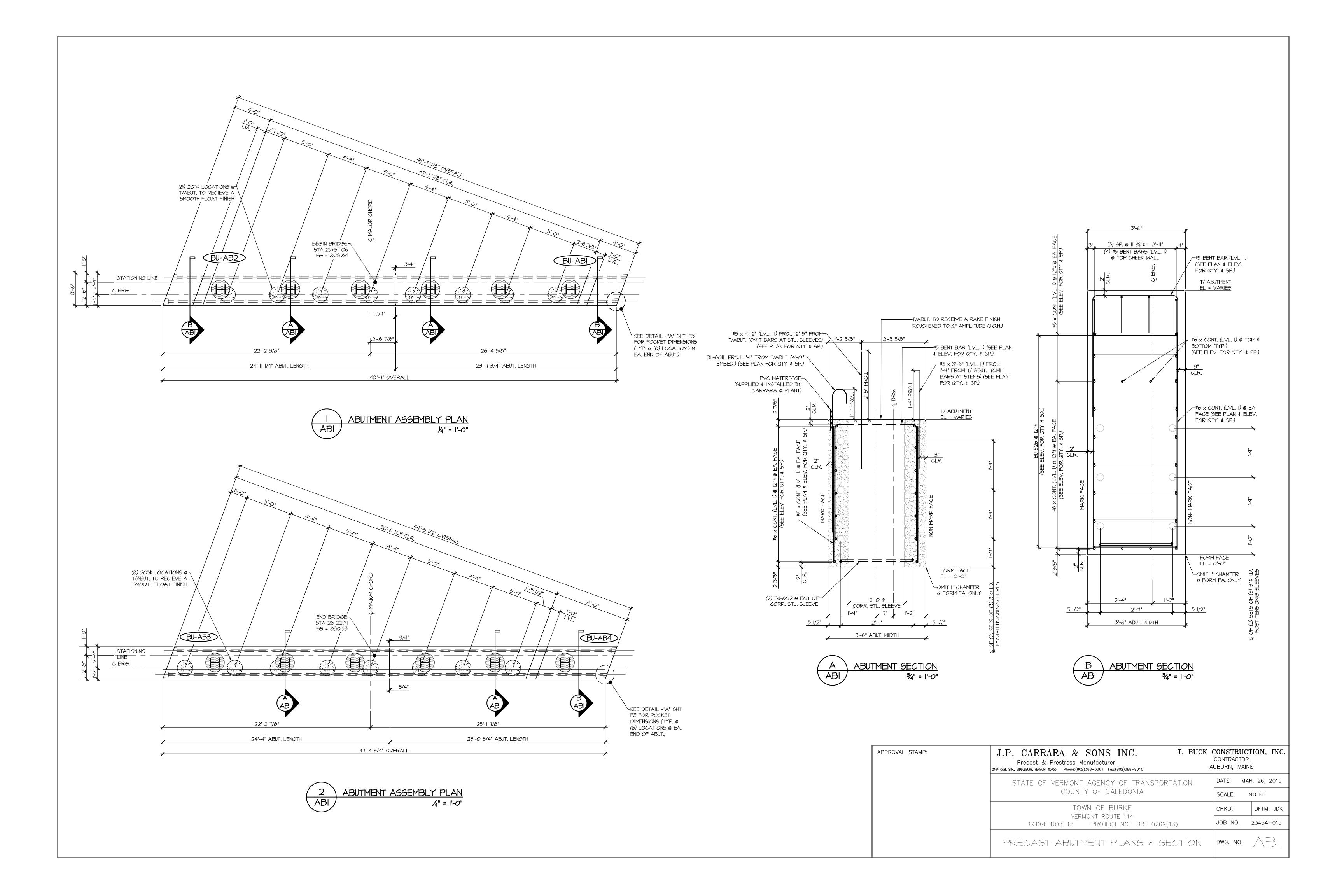


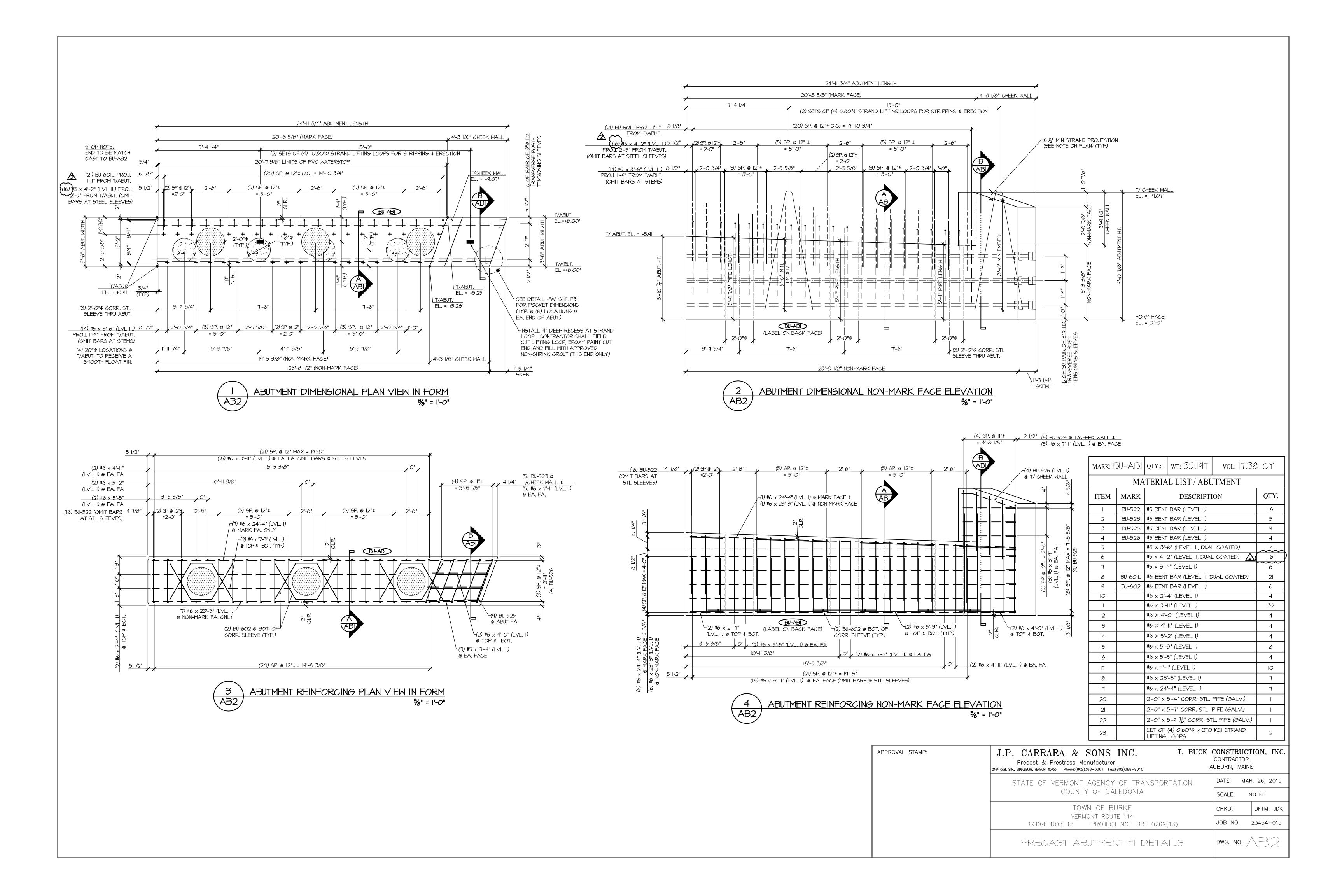


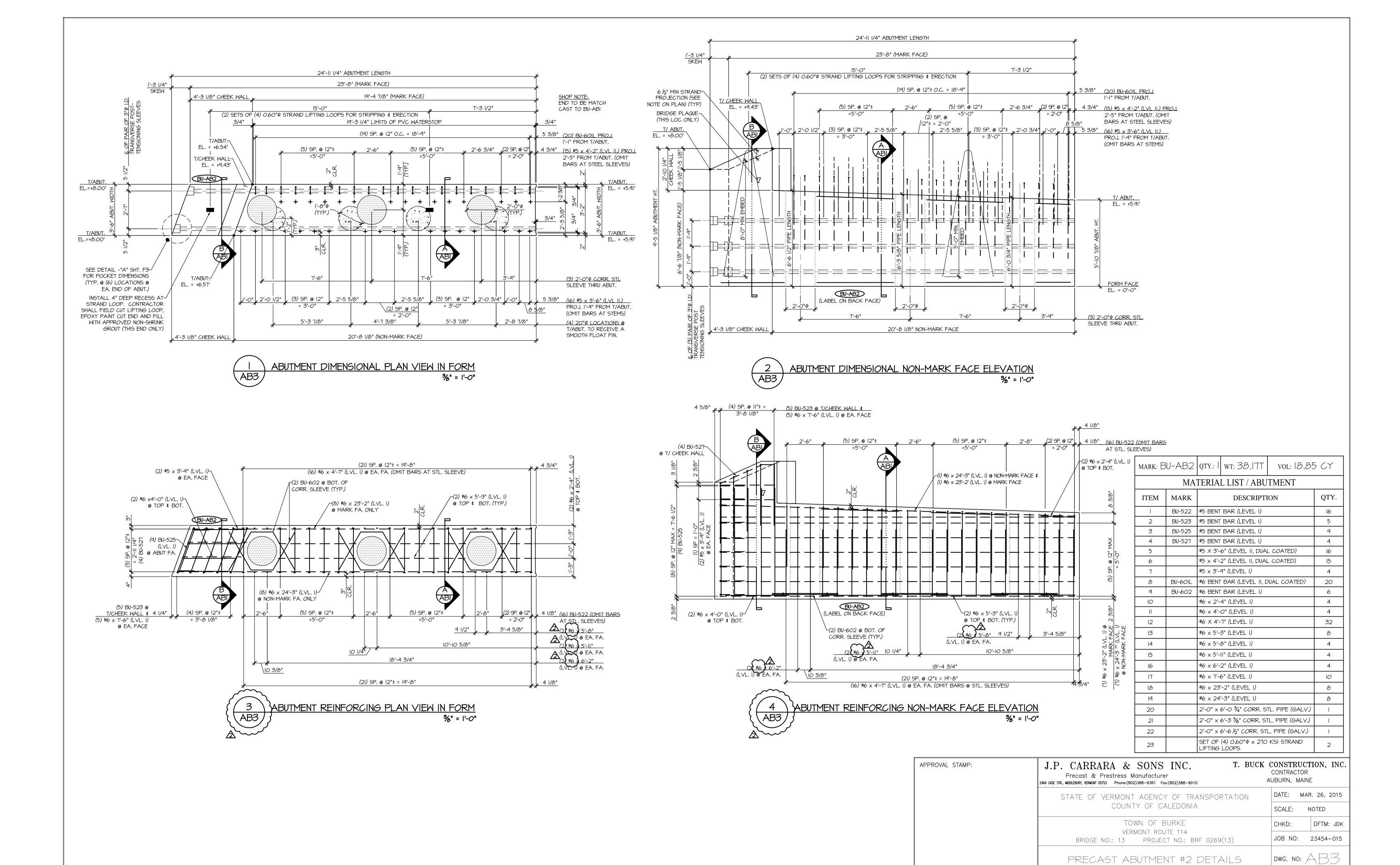


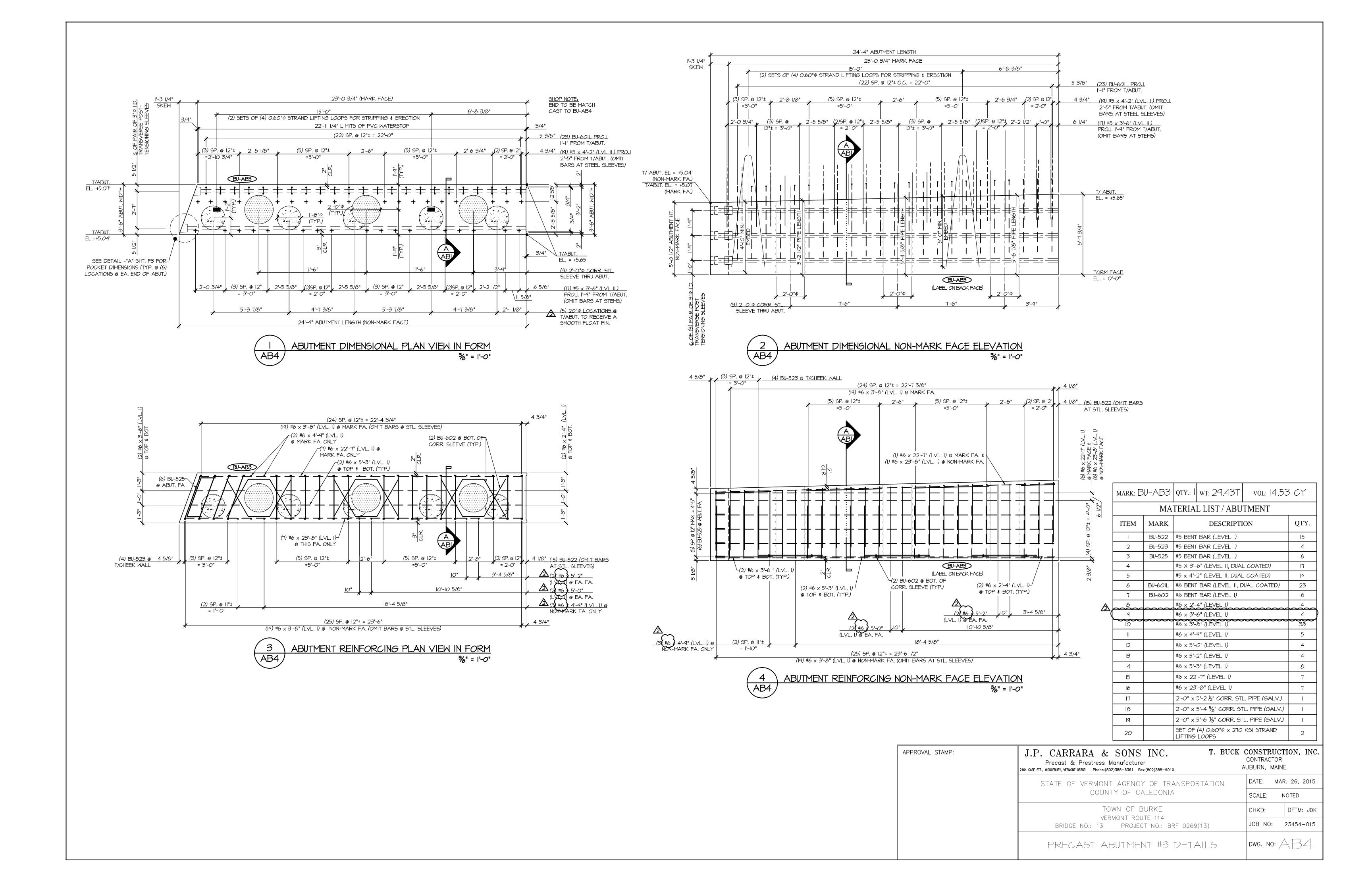


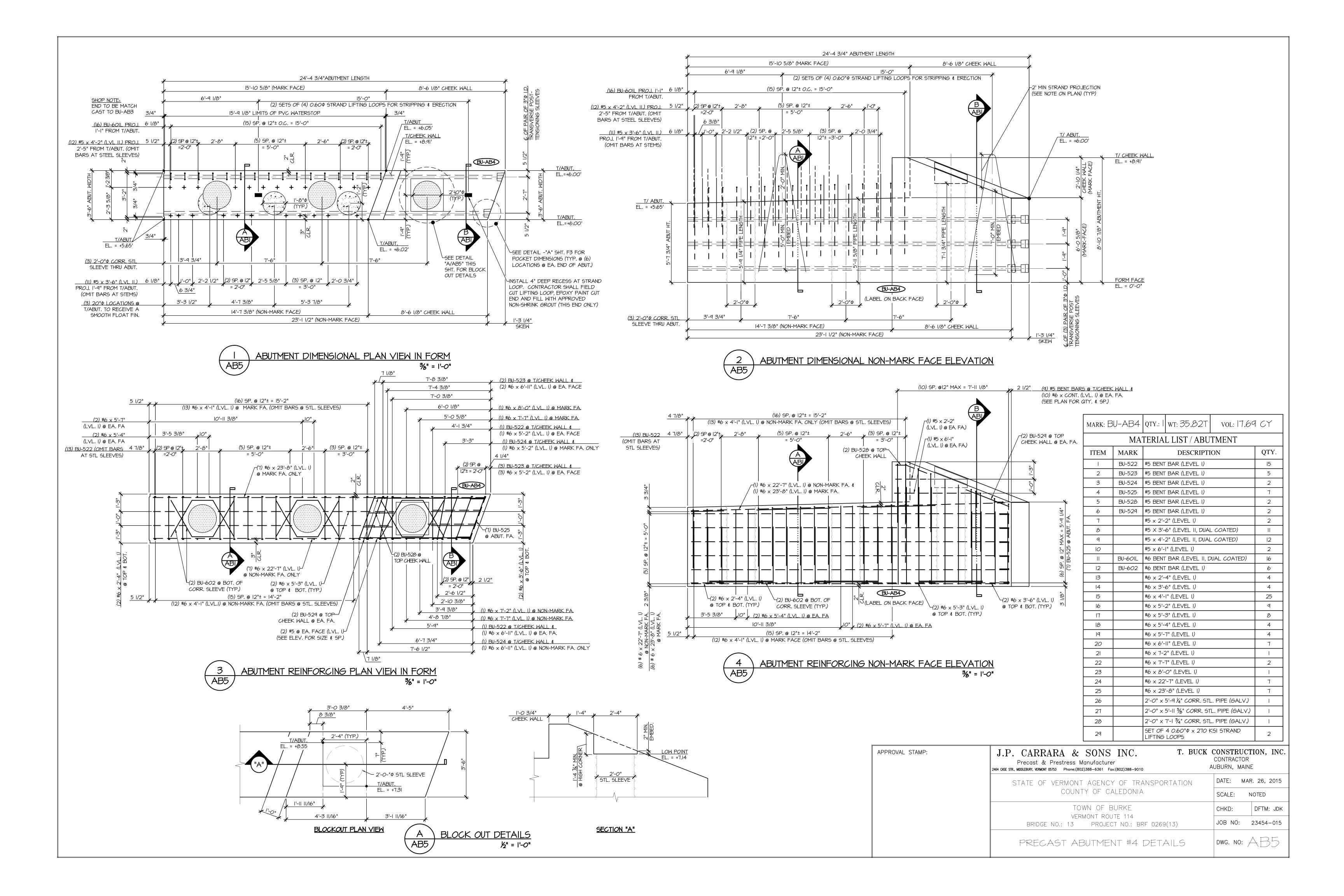
	APPROVAL STAMP:	Precast & Prestress Manufacturer	CONSTRUCT CONTRACTOR UBURN, MAINE	·
		STATE OF VERMONT AGENCY OF TRANSPORTATION	DATE: MAR	26, 2015
		COUNTY OF CALEDONIA		SCALE: NOTED
		TOWN OF BURKE	CHKD:	DFTM: JDK
		VERMONT ROUTE 114 BRIDGE NO.: 13 PROJECT NO.: BRF 0269(13)	JOB NO:	23454-015
		TRANSVERSE SECTIONS & DETAILS	DWG. NO:	F4

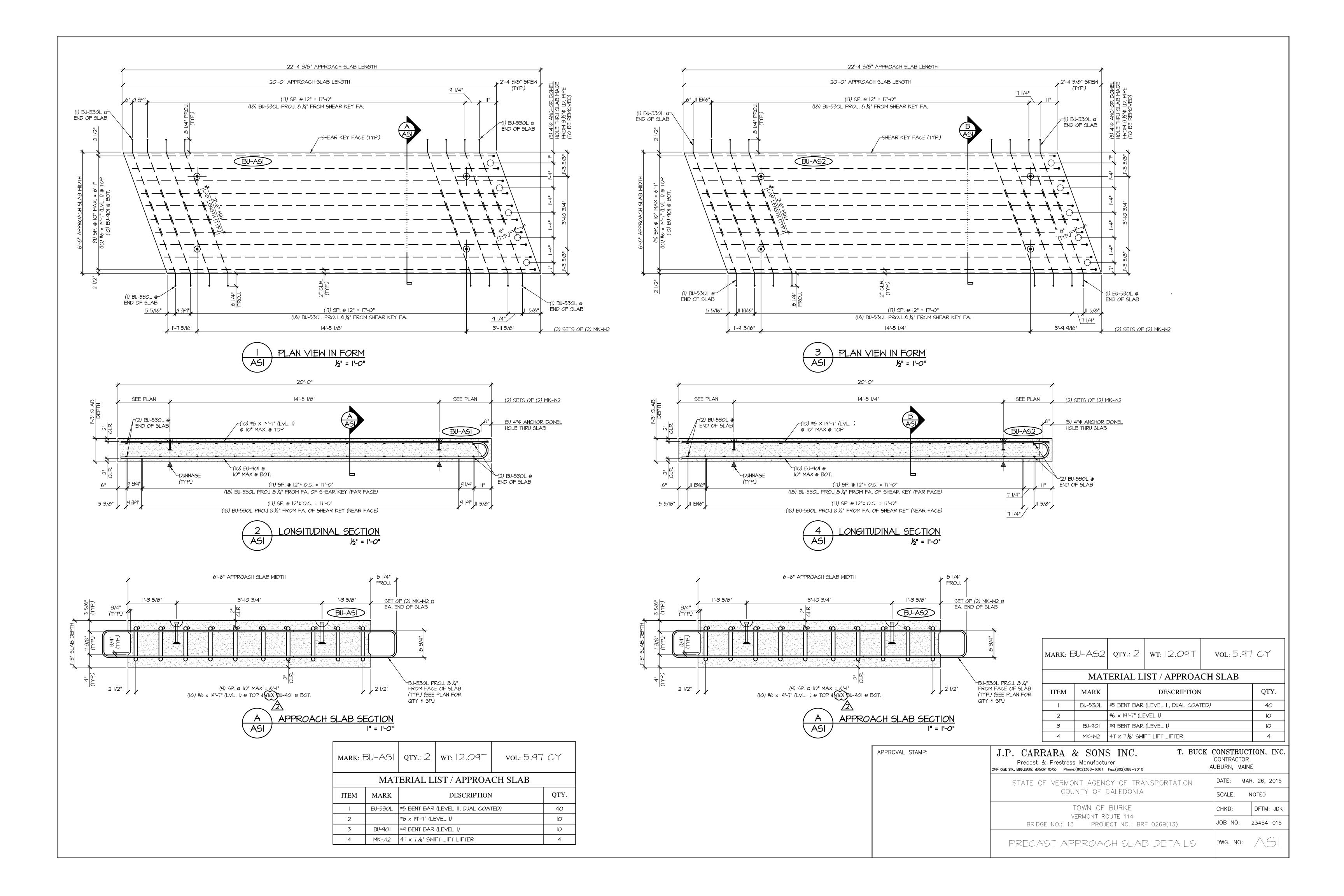


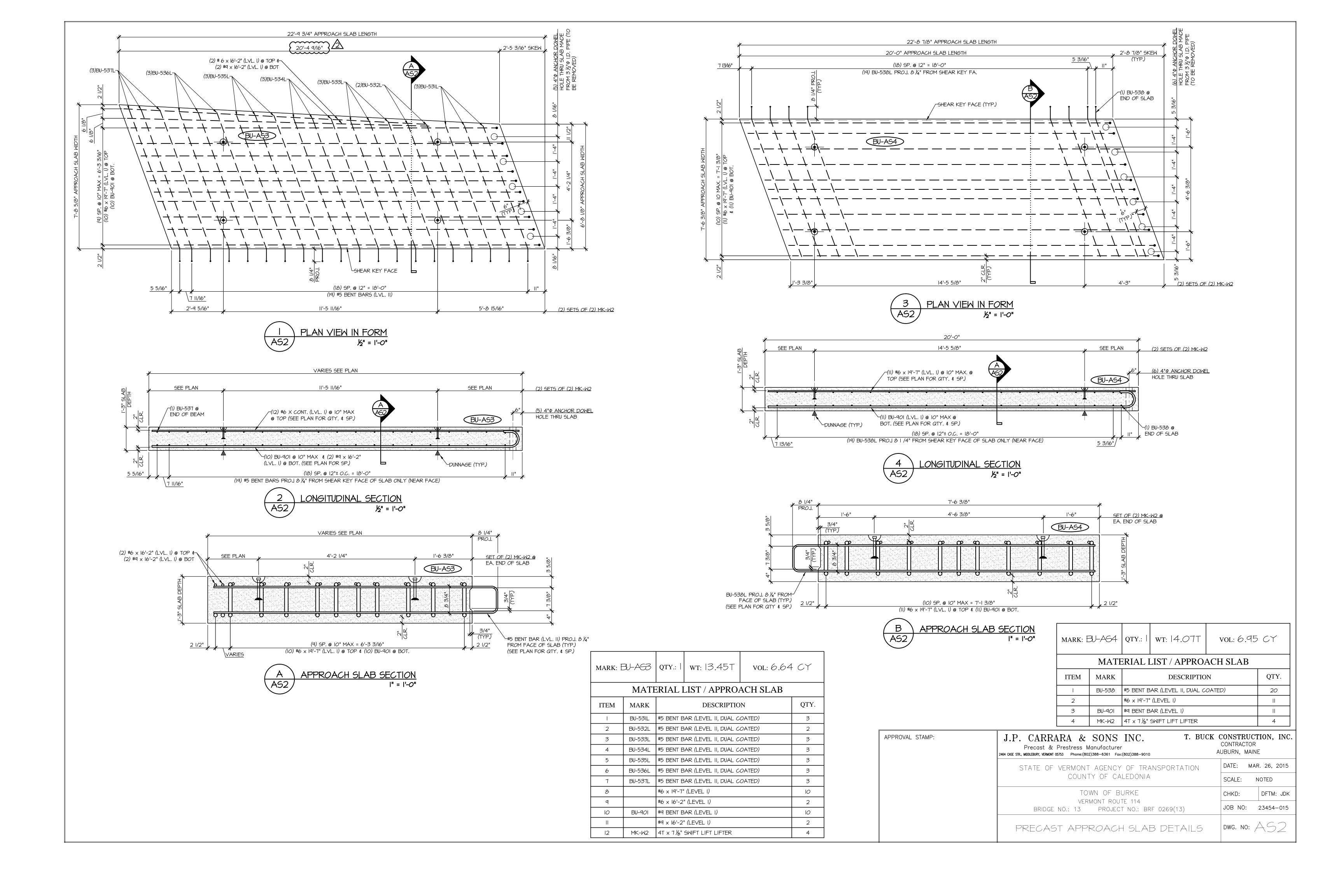


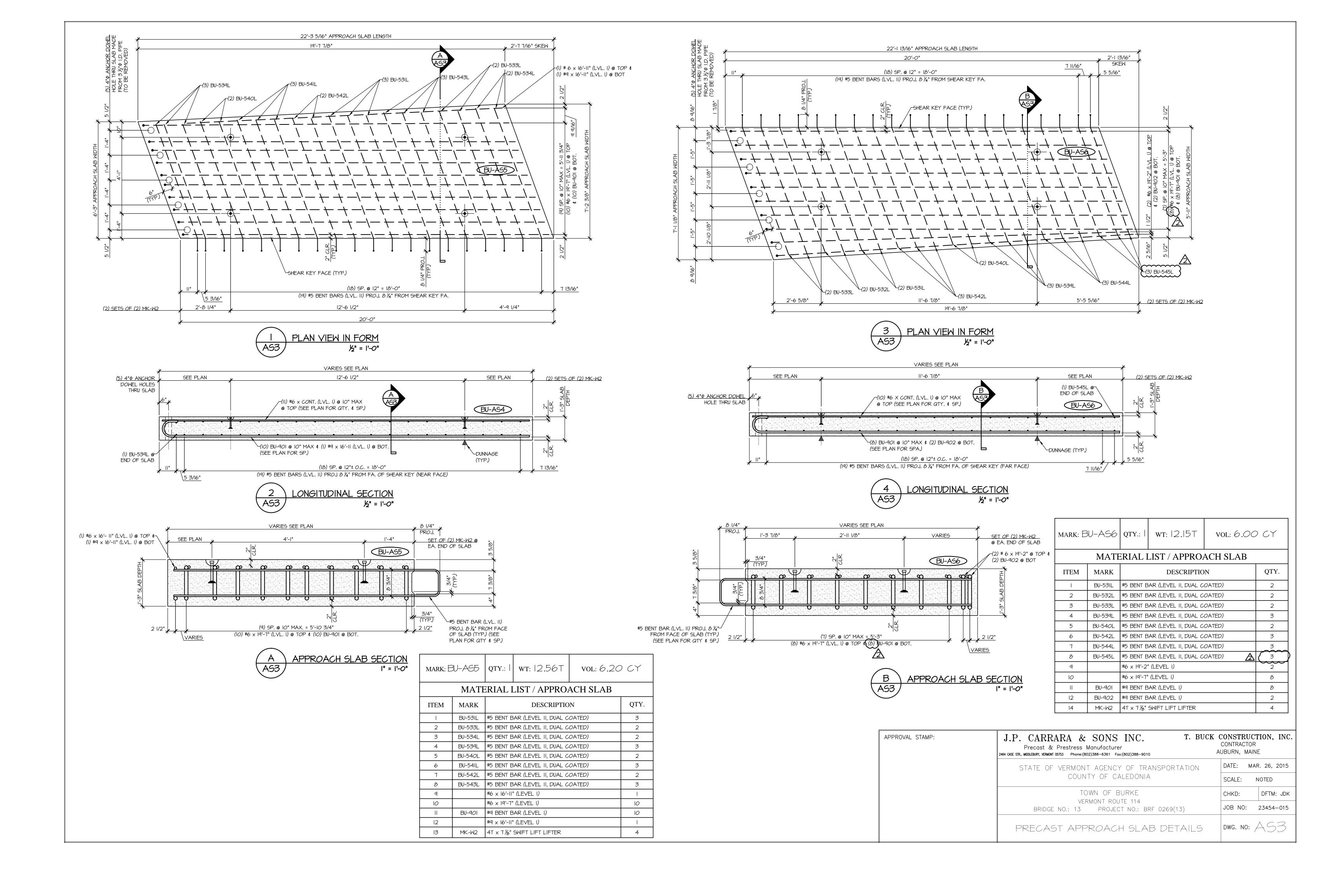


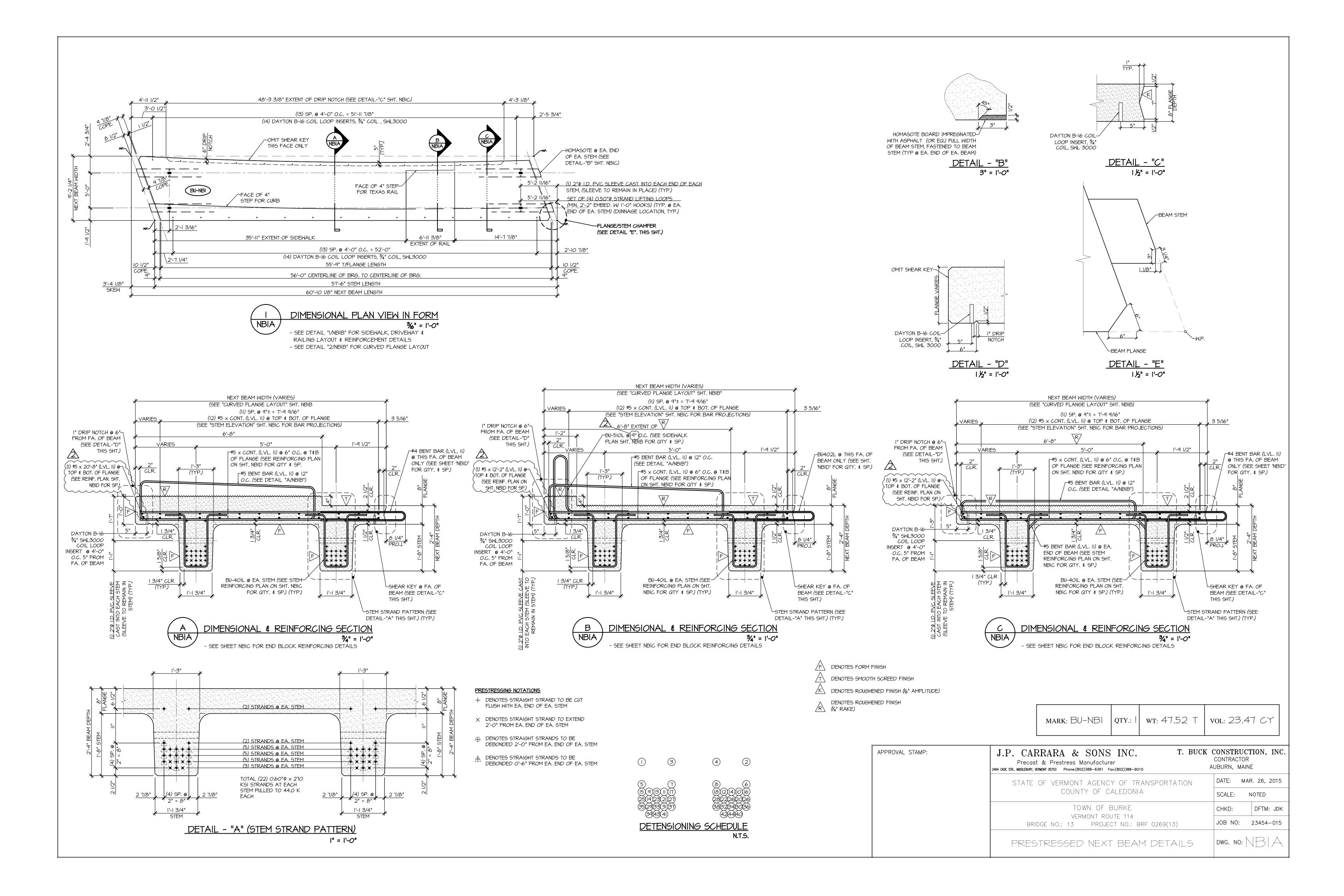


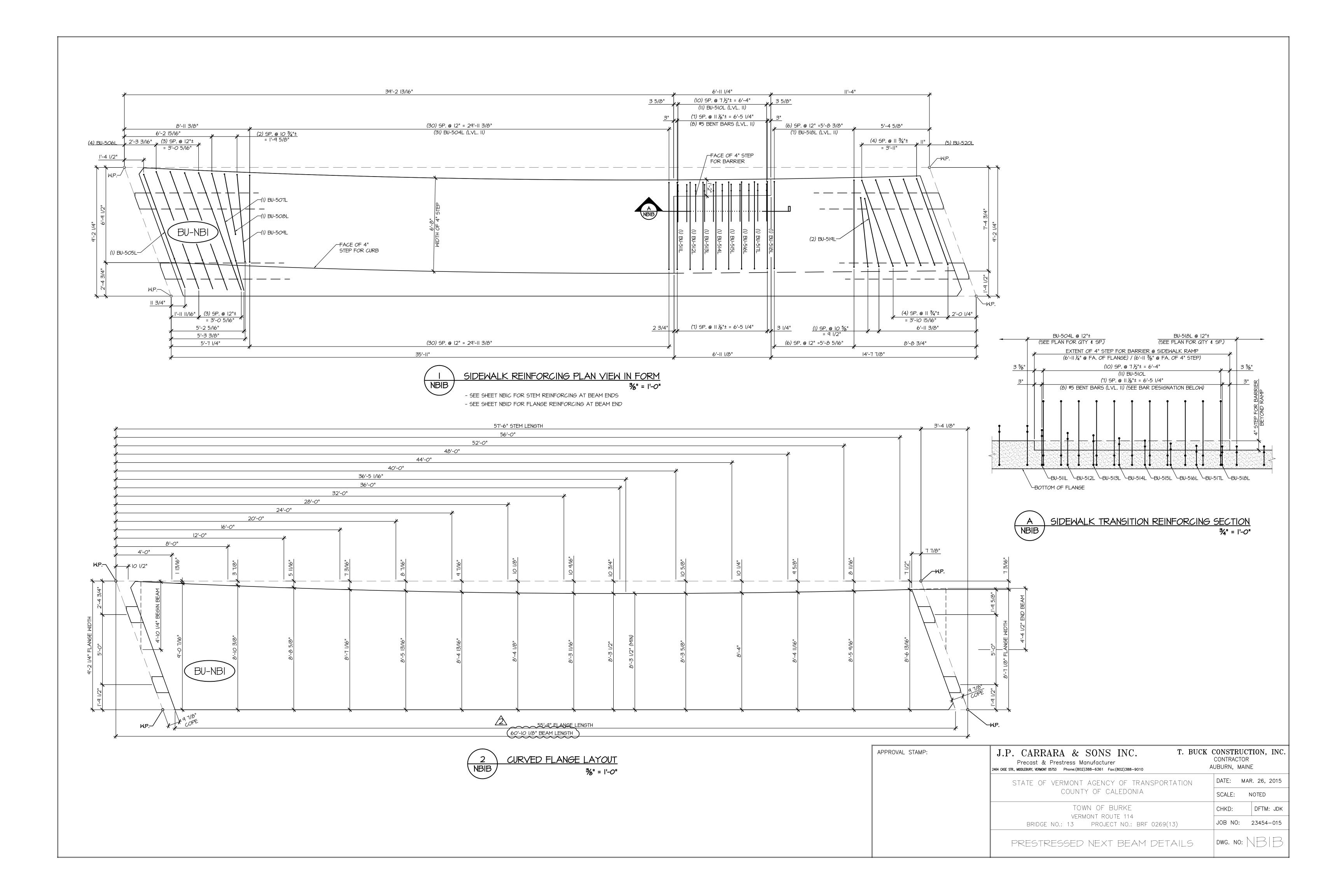


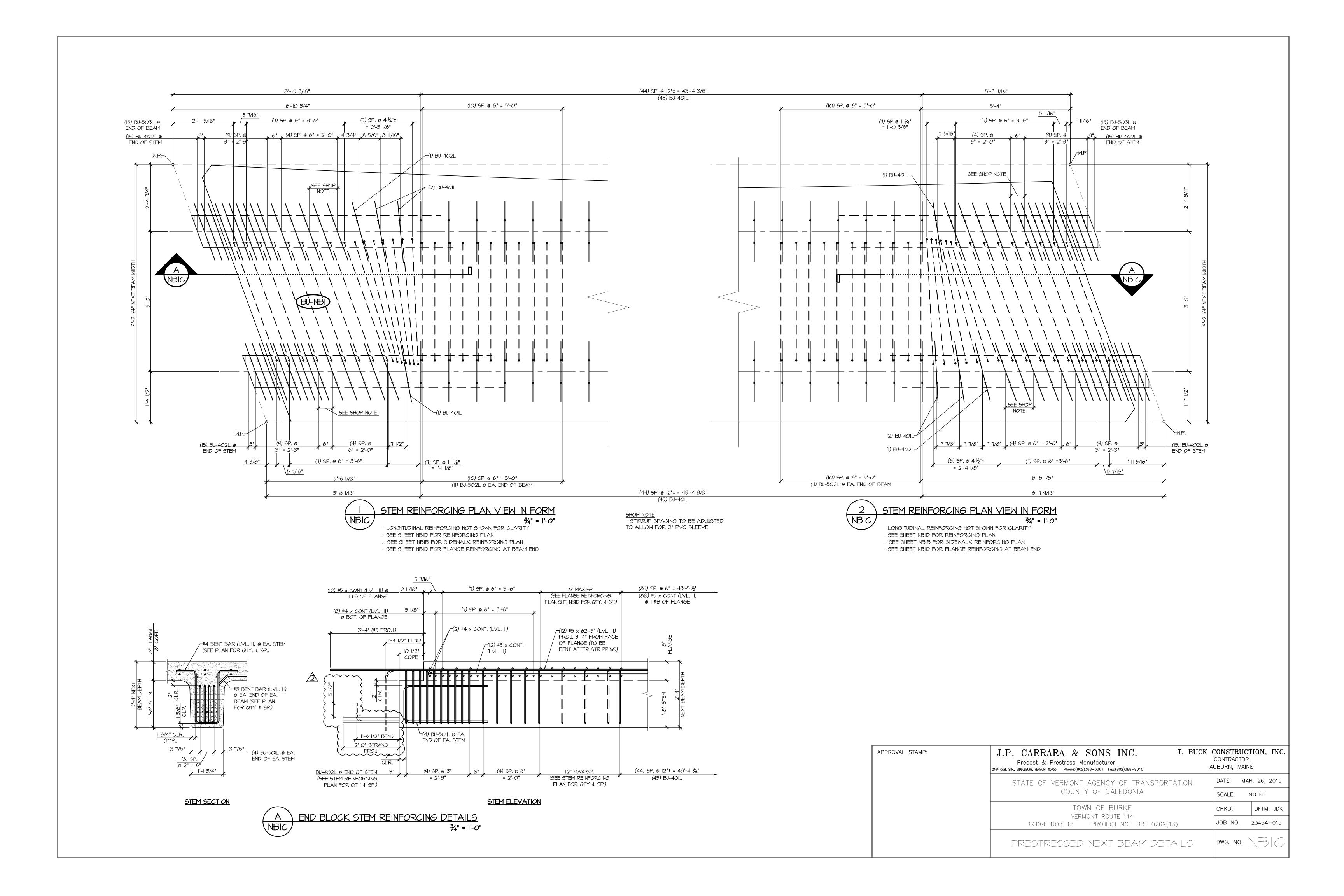


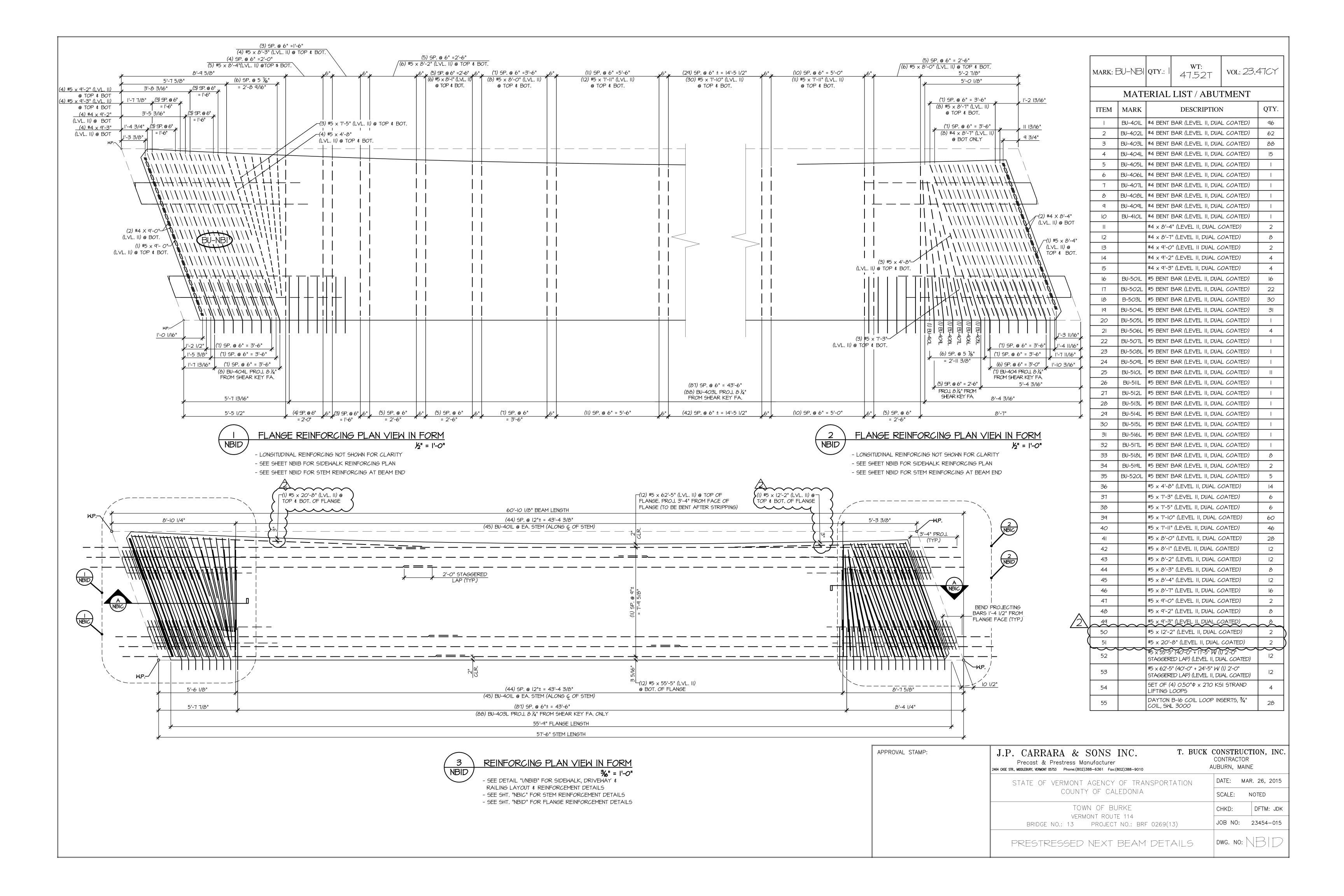


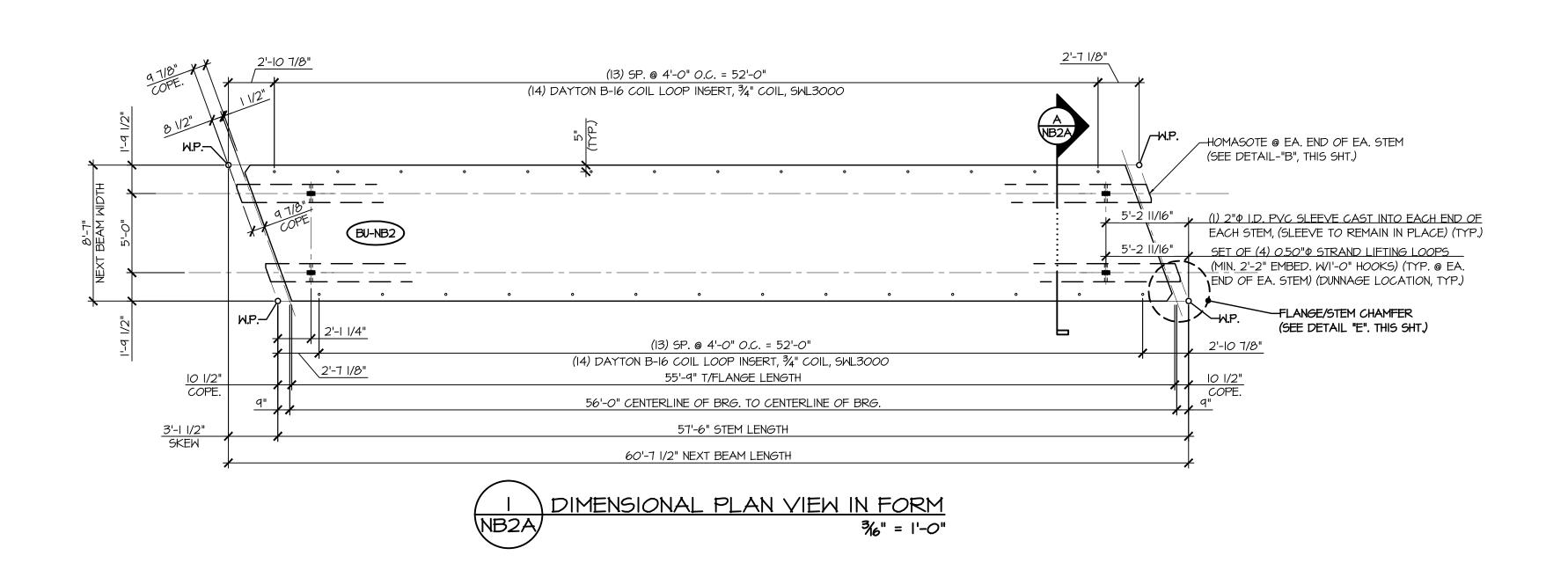


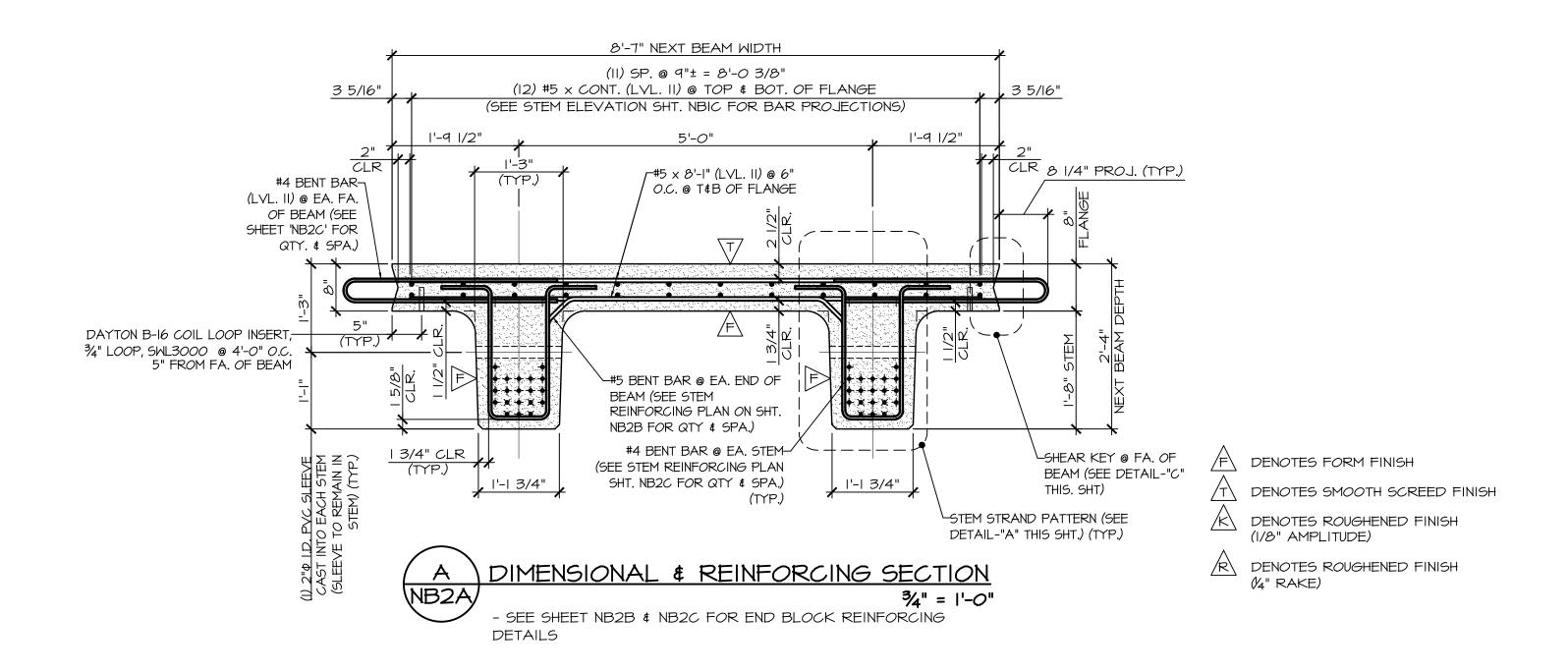


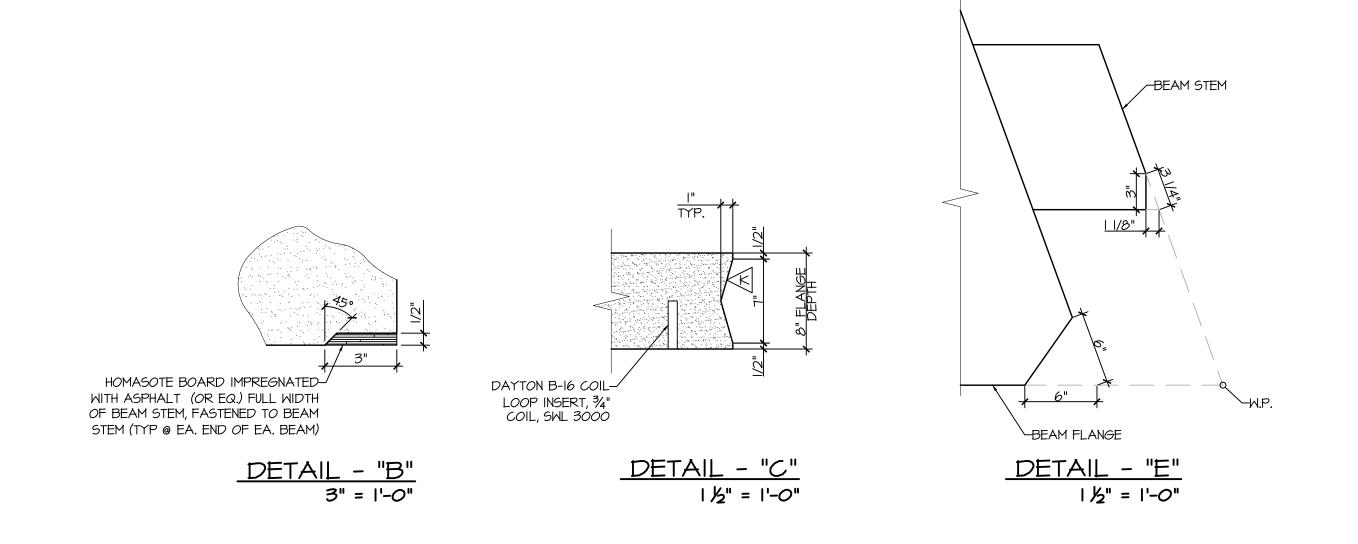












PRESTRESSING NOTATIONS

- + DENOTES STRAIGHT STRAND TO BE CUT FLUSH WITH EA. END OF EA. STEM
- X DENOTES STRAIGHT STRAND TO EXTEND 2'-O" FROM EA. END OF EA. STEM
- → DENOTES STRAIGHT STRANDS TO BE

 DEBONDED 2'-0" FROM EA. END OF EA. STEM

 OUTPIT

 OUTPI

 OUTPIT

 OUTPIT

 OUTPIT

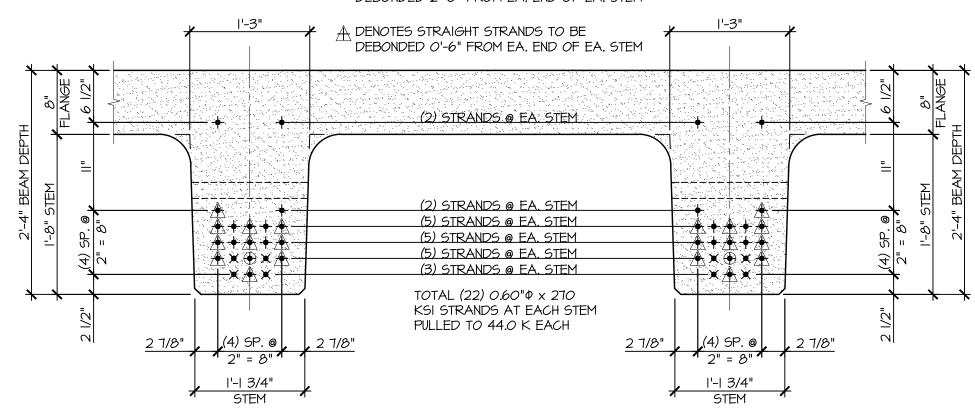
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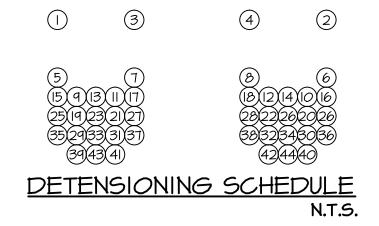
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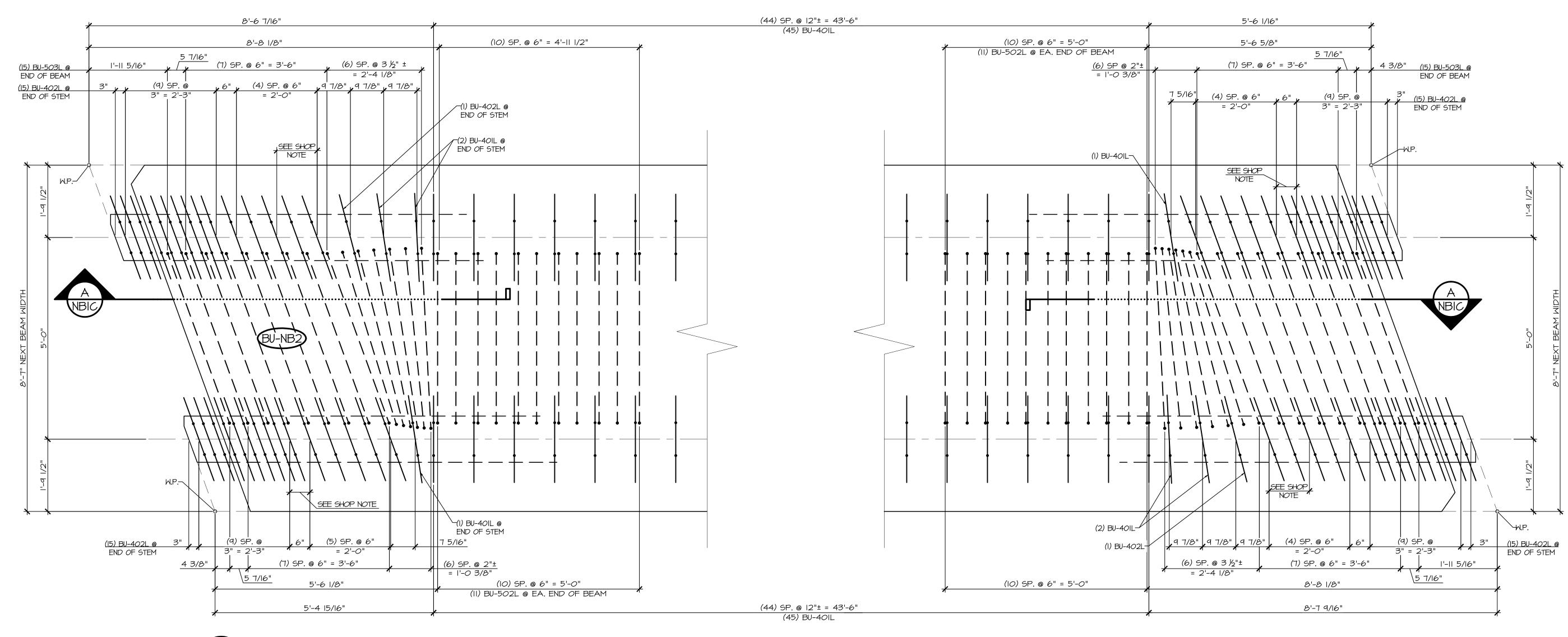
DETAIL - "A" (STEM STRAND PATTERN)

|" = |'-0"



MARK: BU-NB2 QTY.: 2 WT: 41.34 T VOL: 20.42 CY

APPROVAL STAMP:	J.P. CARRARA & SONS INC. Precast & Prestress Manufacturer 2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010	CONSTRUCTION, INC. CONTRACTOR AUBURN, MAINE
	STATE OF VERMONT AGENCY OF TRANSPORTATION	DATE: MAR. 26, 2015
	COUNTY OF CALEDONIA	SCALE: NOTED
	TOWN OF BURKE	CHKD: DFTM: JDK
	VERMONT ROUTE 114 BRIDGE NO.: 13 PROJECT NO.: BRF 0269(13)	JOB NO: 23454-015
	PRESTRESSED NEXT BEAM DETAILS	DWG. NO: ND



STEM REINFORCING PLAN VIEW IN FORM
2B
3/4" = 1'-0"

- LONGITUDINAL REINFORCING NOT SHOWN FOR CLARITY
- SEE SHEET NB2C FOR REINFORCING PLAN
- SEE SHEET NB2C FOR FLANGE REINFORCING AT BEAM END

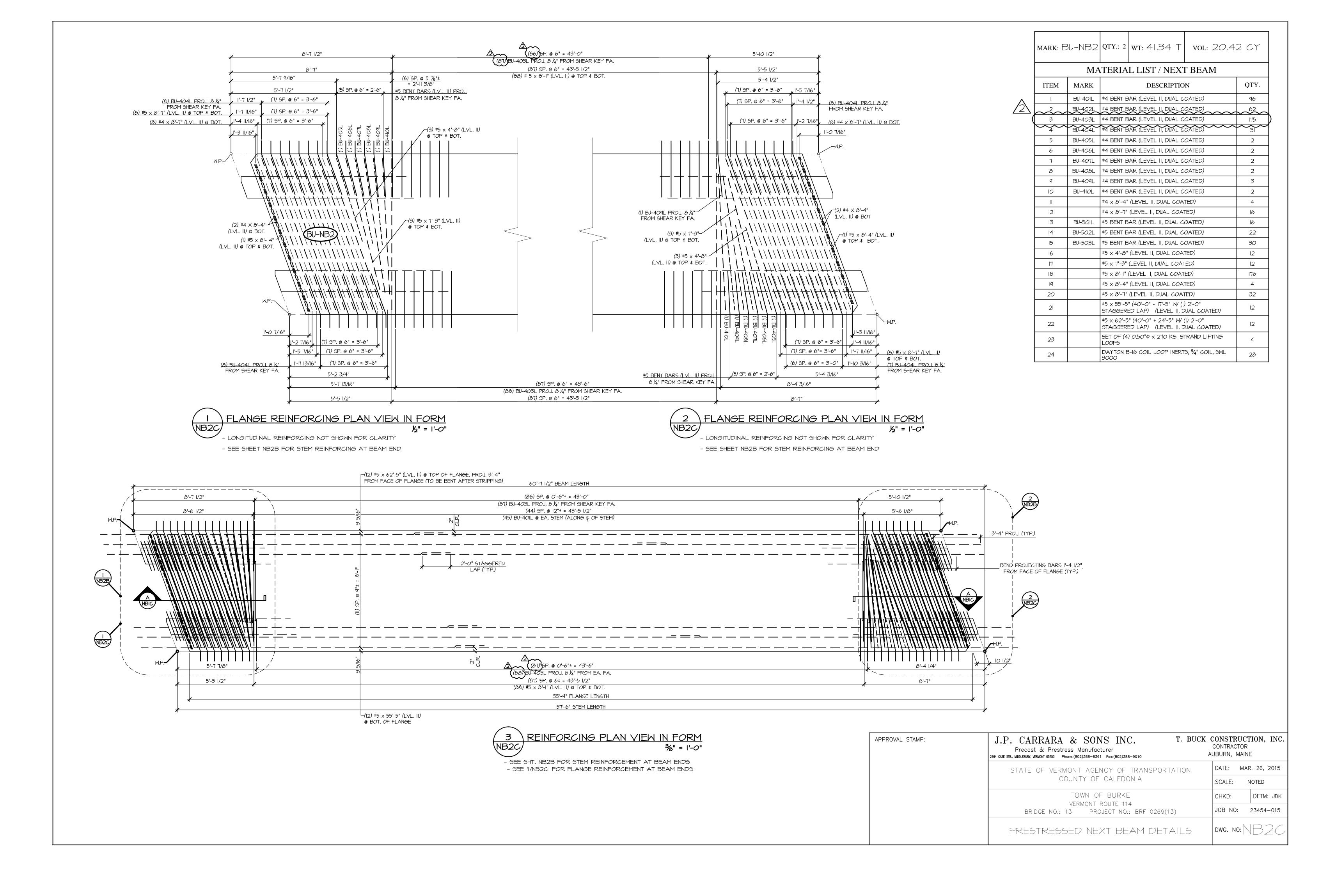
SHOP NOTE - STIRRUP SPACING TO BE ADJUSTED TO ALLOW FOR 2" PVC SLEEVE STEM REINFORCING PLAN VIEW IN FORM

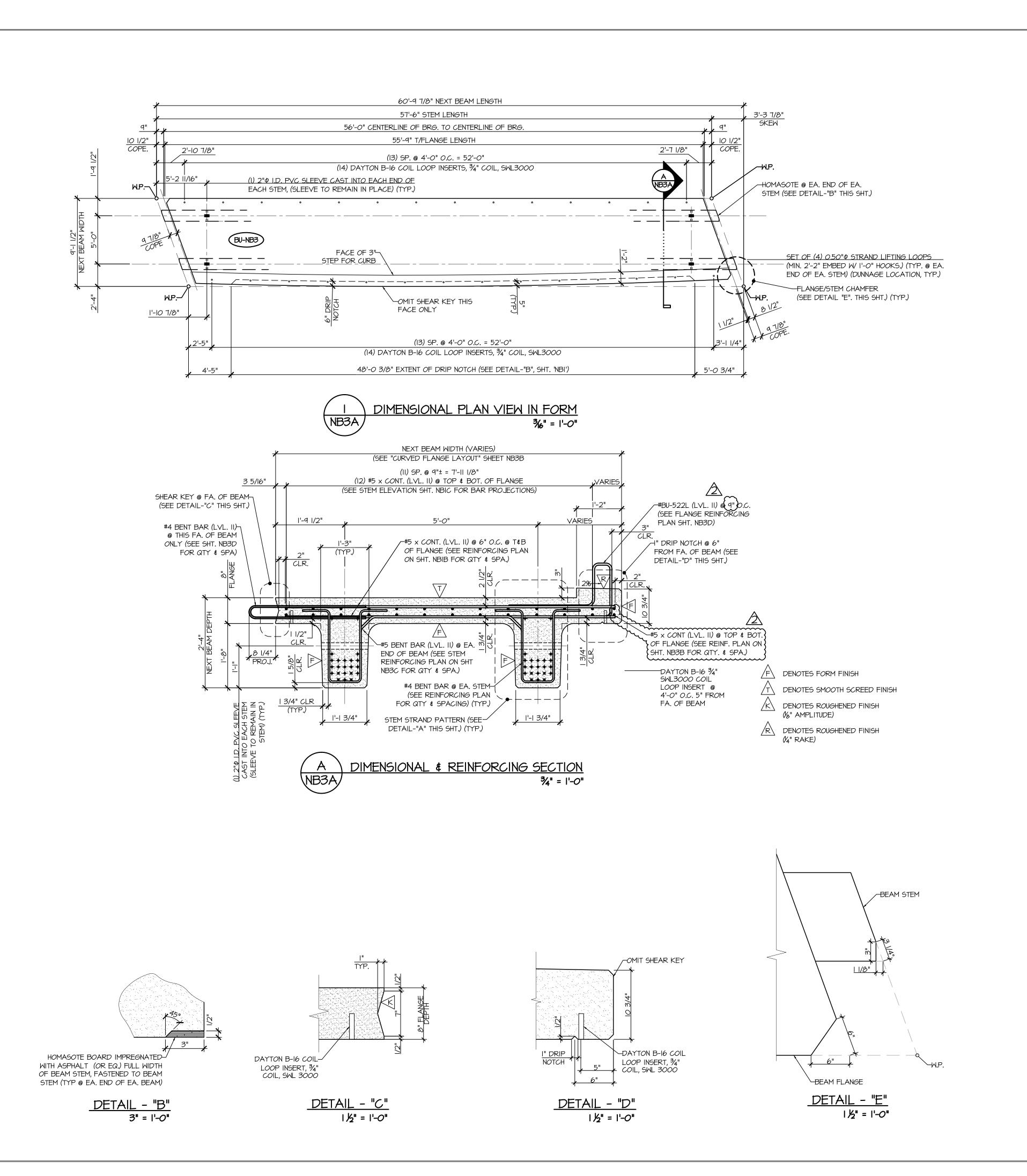
- SEE SHEET NB2C FOR REINFORCING PLAN

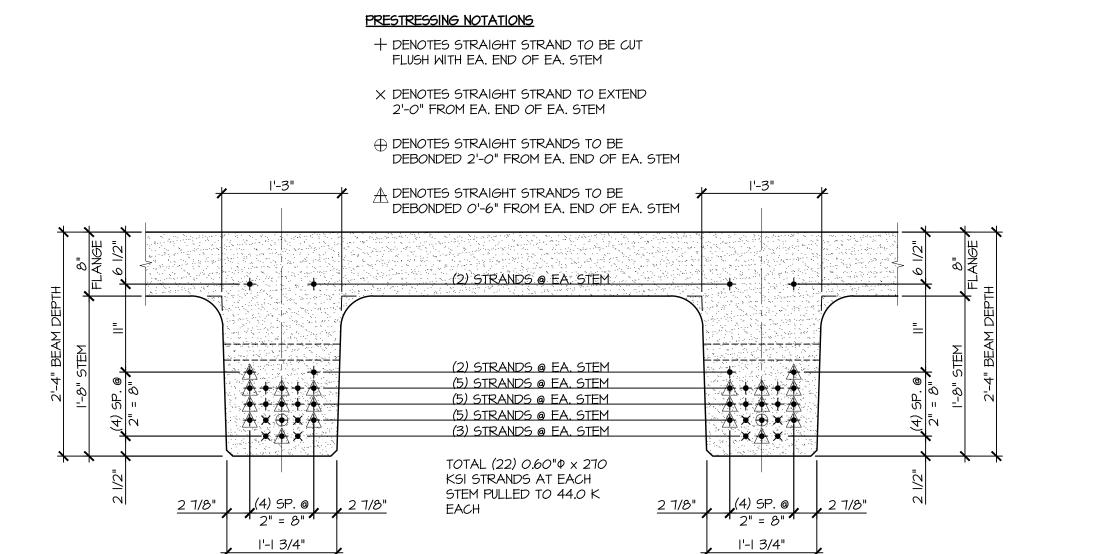
- LONGITUDINAL REINFORCING NOT SHOWN FOR CLARITY

- SEE SHEET NB2C FOR FLANGE REINFORCING AT BEAM END

APPROVAL STAMP:	Precast & Prestress Manufacturer	CONSTRUCTION, INC. CONTRACTOR AUBURN, MAINE
	STATE OF VERMONT AGENCY OF TRANSPORTATION	DATE: MAR. 26, 2015
	COUNTY OF CALEDONIA	SCALE: NOTED
	TOWN OF BURKE	CHKD: DFTM: JDK
	VERMONT ROUTE 114 BRIDGE NO.: 13 PROJECT NO.: BRF 0269(13)	JOB NO: 23454-015
	PRESTRESSED NEXT BEAM DETAILS	DWG. NO: N=2







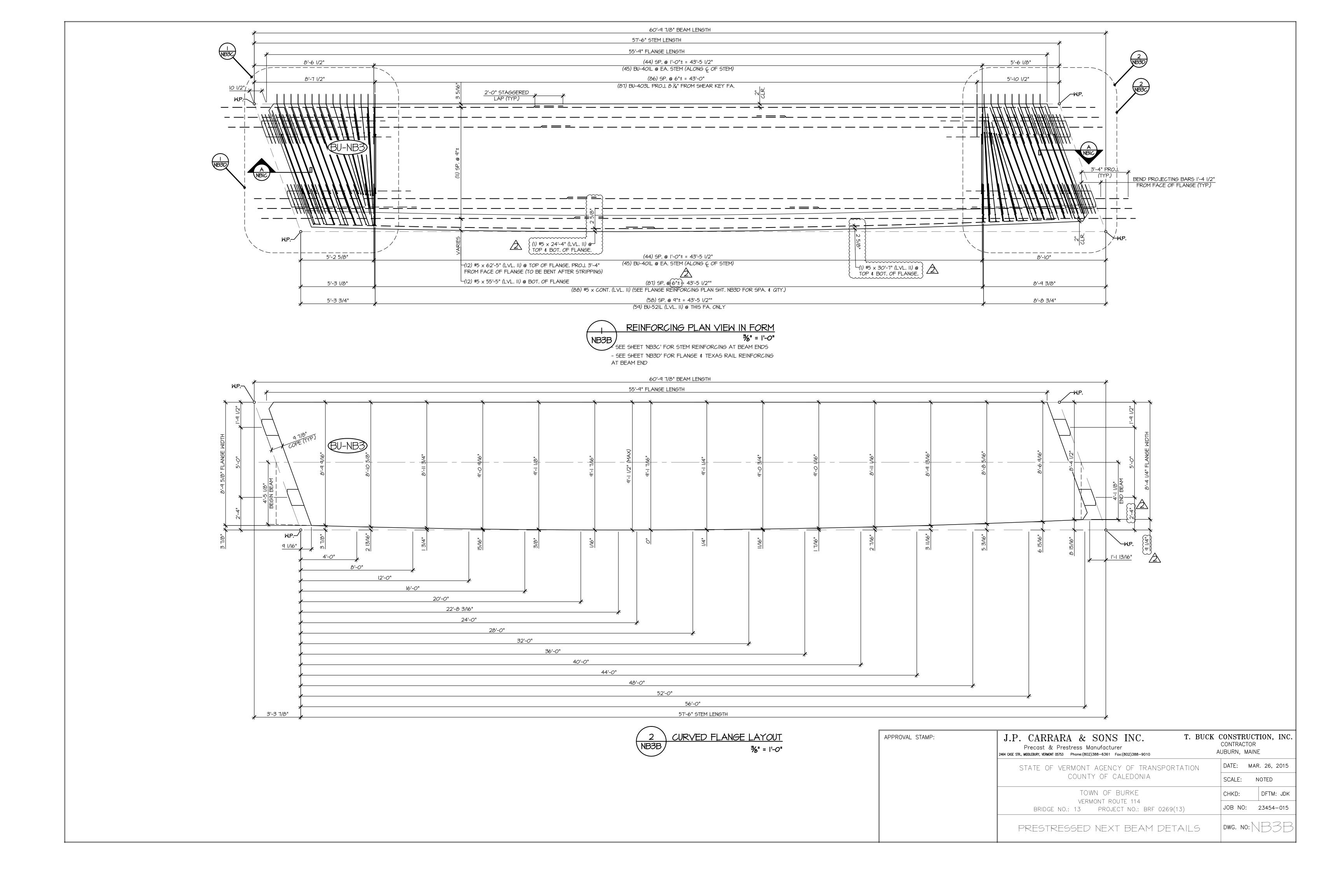
DETAIL - "A" (STEM STRAND PATTERN)
I" = I'-0"

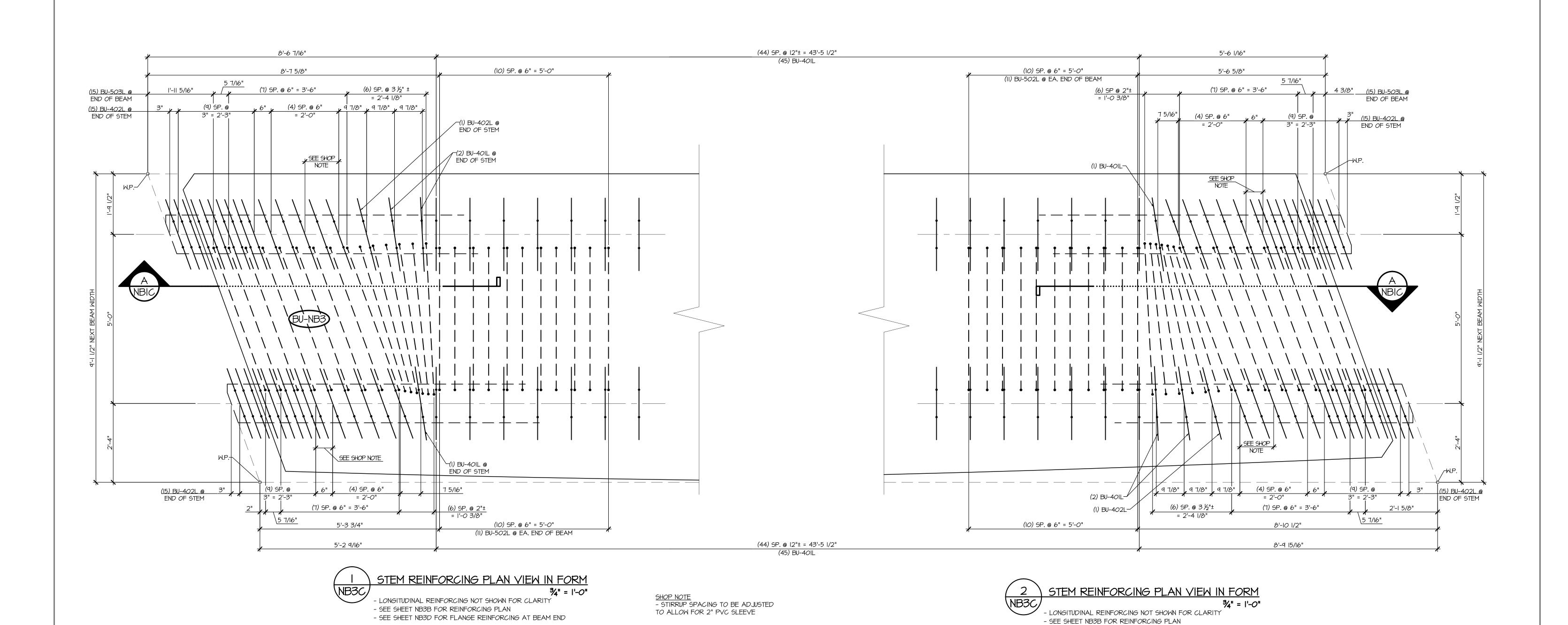
1 3 4 5 7 8 15 9 13 11 17 18 12 25 19 23 21 27 28 22 35 29 33 31 37 39 43 41 42 DETENSIONING SCHE

DETENSIONING SCHEDULE
N.T.S

MARK: BU-NB3 QTY.: | WT: 43.11 T VOL: 21.29 CY

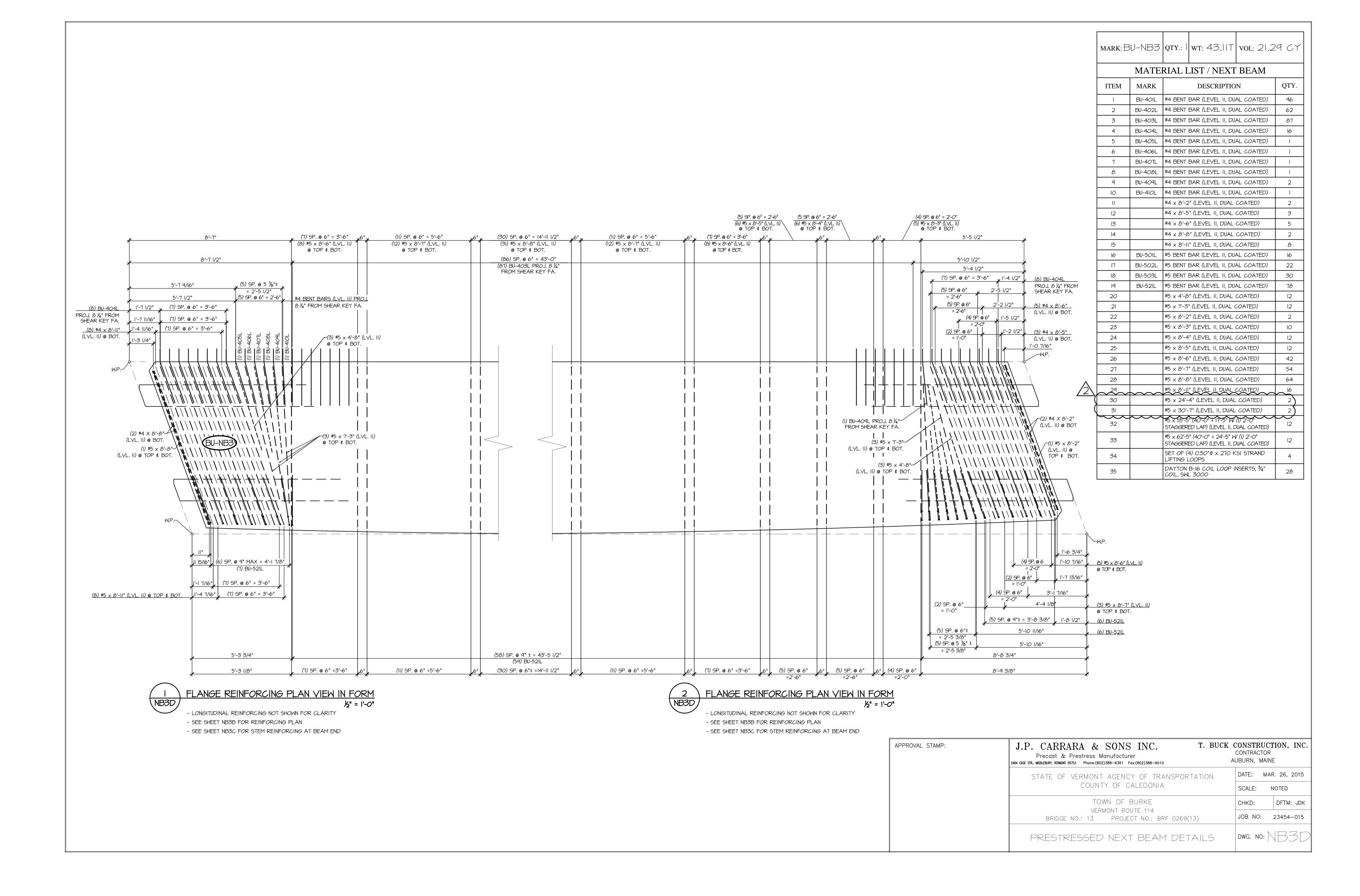
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	STATE OF VERMONT AGENCY OF TRANSPORTATION	DATE: MAR. 26, 2015	
	COUNTY OF CALEDONIA	SCALE: NOTED	
	TOWN OF BURKE	CHKD: DFTM: JDK	
	VERMONT ROUTE 114 BRIDGE NO.: 13 PROJECT NO.: BRF 0269(13)	JOB NO: 23454-015	
	PRESTRESSED NEXT BEAM DETAILS	DWG. NO: NB3A	

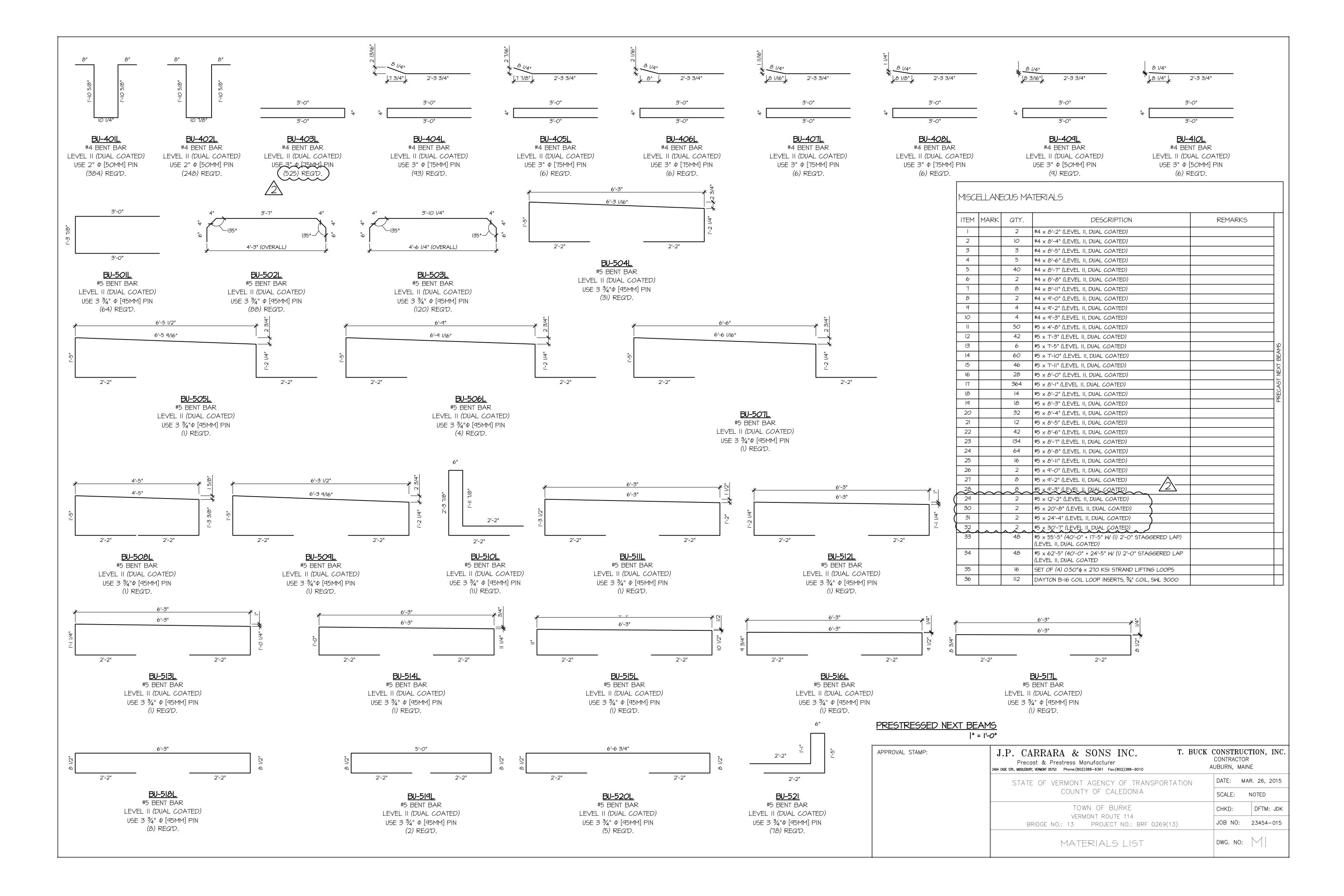


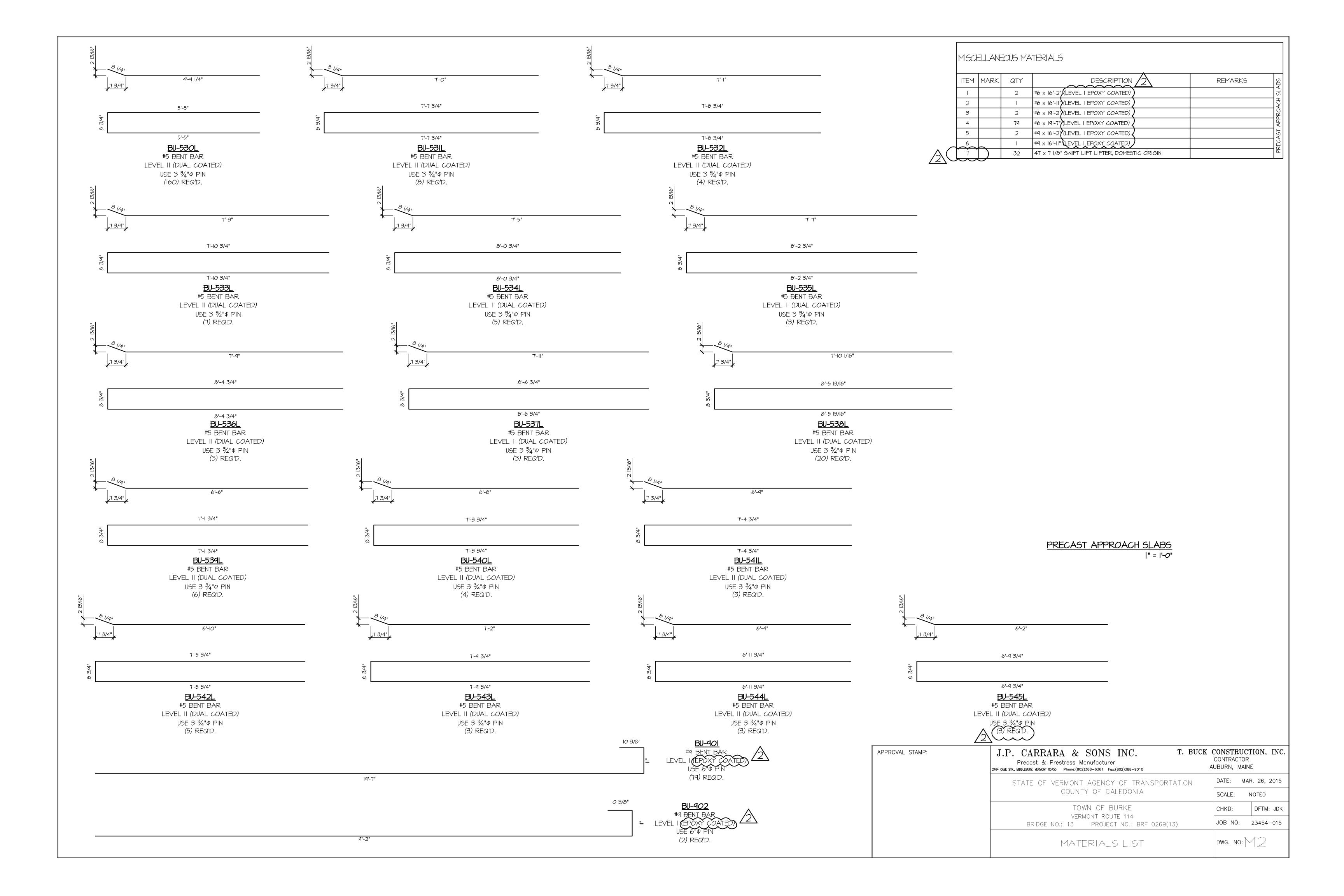


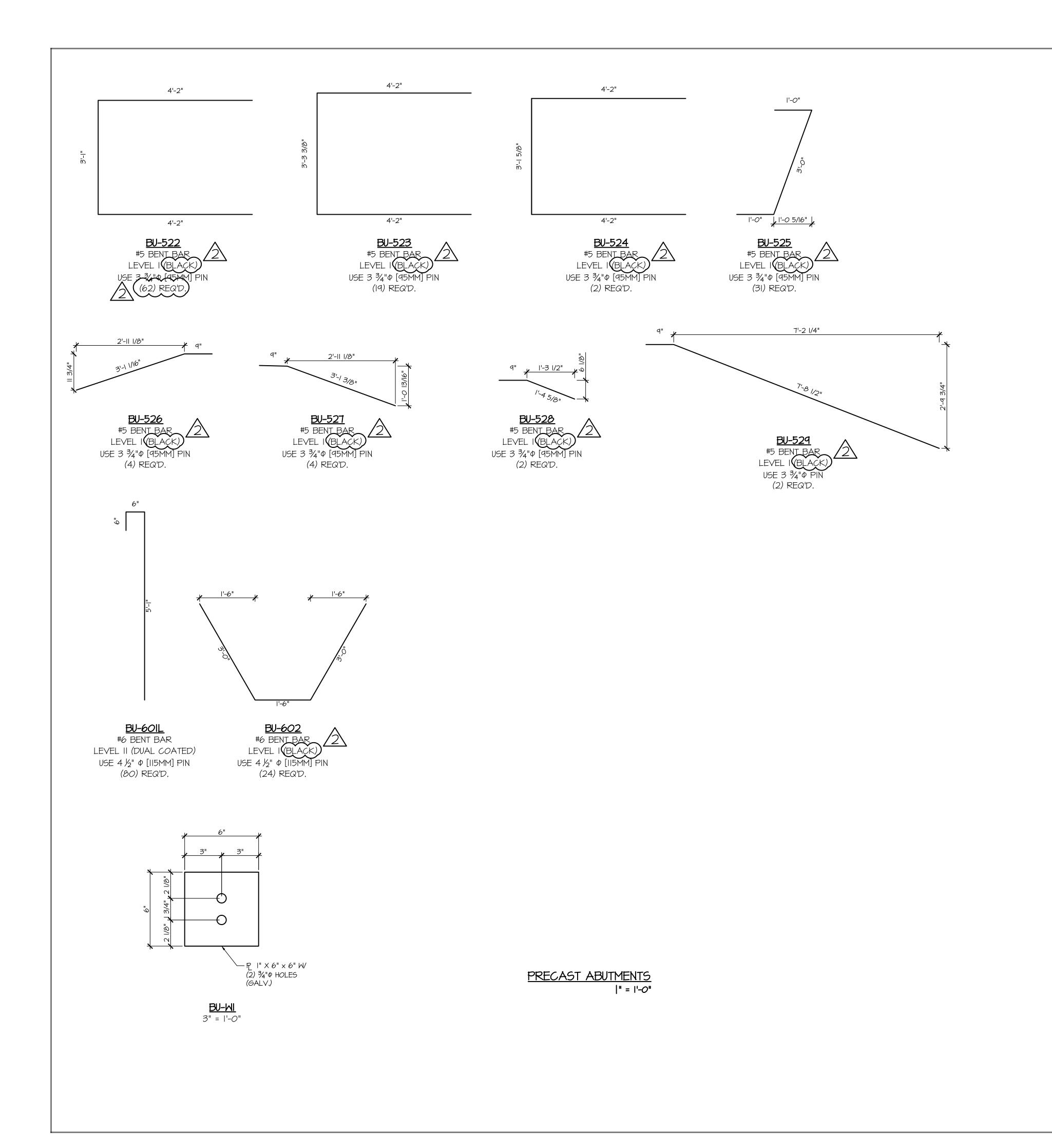
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- SEE SHEET NB3D FOR FLANGE REINFORCING AT BEAM END









MISCELLANEOUS MATERIALS

ITEM	MARK	QTY.	DESCRIPTION	REMARKS	
1		2	#5 x 2'-2" (LEVEL I BLACK)		
2		58	#5 x 3'-6" (LEVEL II, DUAL COATED)		
3	Δ	62	#5 x 4'-2" (LEVEL II, DUAL COATED)		
4	2		#5 x 3'-9" (LEVEL I, BLACK)		
5		2	#5 x 6'-I" (LEVEL I, BLACK)		
6		V ¹⁶ ~	#6 × 2'-4" (LEVEL I, BLACK)		
7	A(8	#6 x 3'-6" (LEVEL I, BLACK) 2		
8		38	#6 x 3'-8" (LEVEL I, BLACK) (
9		32	#6 x 3'-II" (LEVEL I, BLACK) \(\)		
10		8	#6 x 4'-0" (LEVEL I, BLACK) \		
П		25	#6 × 4'-1" (LEVEL I, BLACK)		
12		32	#6 × 4'-7" (LEVEL I, BLACK) 〈		
13		5	#6 × 4'-9" (LEVEL I, BLACK) 〈		
14	A(4	6 × 4'-11" (LEVEL I, BLACK)		
15 4		4	#6 × 5'-0" (LEVEL I, BLACK) <		
16		17	#6 x 5'-2" (LEVEL I, BLACK) \		
17		32	#6 x 5'-3" (LEVEL I, BLACK) <		
18		4	#6 × 5'-4" (LEVEL I, BLACK)		
19		4	#6 × 5'-5" (LEVEL I, BLACK)		
20		4	#6 × 5'-7" (LEVEL I, BLACK)		
21		4	#6 × 5'-8" (LEVEL I, BLACK)		
22		4	#6 × 5'-II" (LEVEL I, BLACK)		
23		4	#6 × 6'-2" (LEVEL I, BLACK)		
24		7	#6 × 6'-11" (LEVEL I, BLACK)		
25		10	#6 × 7'-1" (LEVEL I, BLACK)		
26			#6 x 7'-2" (LEVEL I, BLACK)		
27		10	(#6 × 7'-6" (LEVEL I, BLACK)		
28		2	#6 x 7'-7" (LEVEL I, BLACK)		
29			#6 × 8'-0" (LEVEL I, BLACK)		
30		 4	(#6 × 22'-7" (LEVEL I, BLACK)		
3I		8	(#6 × 23'-2" (LEVEL I, BLACK)		
32		7	(#6 × 23'-3" (LEVEL I, BLACK)		
33		14	(#6 x 23'-8" (LEVEL I, BLACK)		
34		8	(#6 × 24'-3" (LEVEL I, BLACK)		
35		7	#6 x 24'-4" (LEVEL I, BLACK)		
36		<u></u>	2'-0" x 5'-2 I/2" CORR. STL PIPE (GALV)		
37		<u>·</u>	2'-0" x 5'-4" CORR. STL PIPE (GALV)		
38		1	2'-0" × 5'-4 5/8" CORR. STL PIPE (GALV)		
39		<u>·</u>	2'-0" × 5'-6 7/8" CORR. STL PIPE (GALV)		
40		<u>·</u>	2'-0" × 5'-7" CORR. STL PIPE (GALV)		
41		<u>·</u>	2'-0" × 5'-9 I/4" CORR. STL PIPE (GALV)		
42		<u>·</u>	2'-0" × 5'-9 7/8" CORR. STL PIPE (GALV)		
43		<u>·</u>	2'-0" × 5'-II 5/8" CORR. STL PIPE (GALV)		
44		<u>·</u>	2'-0" × 6'-0 3/4" CORR. STL PIPE (GALV)		
<u>45</u>		<u>·</u> 	2'-0" × 6'-3 5/8" CORR. STL PIPE (GALV)		
46		<u>·</u> 	2'-0" x 6'-6 1/2" CORR. STL PIPE (GALV)		
47	+	 	2'-0" x 7'-1 3/4" CORR. STL PIPE (GALV)		
48		8	SET OF (4) 0.60" × 270 KSI STRAND LIFTING LOOPS		
49	BU-WI	 24	PL 1" x 6" x 6" W/ (2) 3/4" \(\) HOLES (GALV)	FOR ERECTION	
50	<u> </u>	2 4 24	1/2" \(\times 50' \) POLY-STRAND	FOR ERECTION	
50 51			1/2" \$ SINGLE USE STRESSING CHUCK	FOR ERECTION	
ر ح	l l	40	1/2 Y SINOLE USE SINESSINO ONOON	I OR ERECTION	

APPROVAL STAMP:	Precast & Prestress Manufacturer	CONSTRUCT CONTRACTOR UBURN, MAIN	ŕ
	STATE OF VERMONT AGENCY OF TRANSPORTATION	DATE: MAF	R. 26, 2015
	COUNTY OF CALEDONIA	SCALE: NOTED	
	TOWN OF BURKE	CHKD:	DFTM: JDK
	VERMONT ROUTE 114 BRIDGE NO.: 13 PROJECT NO.: BRF 0269(13)	JOB NO:	23454-015
	MATERIALS LIST	DWG. NO:	13